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AIR QUALITY IN ONTARIO 1992 APPENDIX



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ISSN 0840-9366 PIBS 2251 VOL. 2



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INTRODUCTION

This Appendix is intended for use in conjunction with the Annual Report Air Quality in Ontario 1992. For each pollutant, tables provide the location of stations and supply sample distribution information including means, maxima, percentile values and the number of exceedances of the Ontario criteria. The entire continuous (hourly) network is summarized in Appendix Table A-1 and Maps 1 and 2. The table gives station name, numerical identifier, and pollutants measured. The numerical identifier is the station (ID) number, the first digit of which identifies the geographic region in which the station is located.

The Ministry of the Environment and Energy has divided the province into 7 regions. Region 1 is Southwest with headquarters in London; Region 2 is Westcentral with headquarters in Hamilton; Region 3 and 4 is Central with headquarters in Toronto; Region 5 is Southeast with headquarters in Kingston; Region 6 is Northwest with headquarters in Thunder Bay and finally Region 7 is Northeast with headquarters in Sudbury. Letter codes indicate whether data are telemetered (T) or chart-read (C). The column headings for pollutants are as follows:

SO₂ (sulphur dioxide)

SP suspended particles or soiling index (COH)

CO (carbon monoxide)

O₃ (ozone)

NO₂ (nitrogen dioxide)

NO (nitric oxide)

NO_x (oxides of nitrogen)

THC (total hydrocarbon compounds)

RHC (reactive (non-methane) hydrocarbon compounds)

TRS (total reduced sulphur compounds)

API (air pollution index)

AQI (air quality index)

The Air Quality Index sites are shown in Map 3.

The particulate (daily) network is summarized in Appendix Table A-2 and Maps 4 and 5. The table gives station name, numerical identifier, and pollutants measured. Numerals indicate the monitoring cycle frequency in days. Some additional codes are defined in the key at the top of the table. The column headings for pollutants are as follows:

TSP	(total suspended particulate)
Cd in TSP	(cadmium)
Cr in TSP	(chromium)
Fe in TSP	(iron)
Mn in TSP	(manganese)
Ni in TSP	(nickel)
Pb in TSP	(lead)
V in TSP	(vanadium)
NO ₃ in TSP	(nitrate)
SO ₄ ²⁻ in TSF	(sulphate)

The particulate (monthly) network is summarized in Appendix Table A-3. This table gives the location of the monitoring site and the parameters measured at each site.

The inhalable particulate (PM-10) network is summarized in Appendix Table A-4. This table gives station location, parameters measured and frequency of sampling.

The meteorological network is summarized in Table A-5 and Maps 6 and 7. The table gives station name, numerical identifier, meteorological parameters measured and the height of the measurements.

The 1992 statistical data for the various pollutants are provided in Tables A-7 through A-30.

The PM-10 monitoring network is shown in Map 8.

The stations used in the trends of gases and particulates are listed in Tables A-31 and A-32.

ABBREVIATIONS

INS - insufficient data to compute relevant statistics.

YR - year that monitoring began.

TYP - survey type

LAT - latitude in degrees/minutes

LONG - longitude in degrees/minutes

ELEV - elevation of sampling inlet (metres above ground)

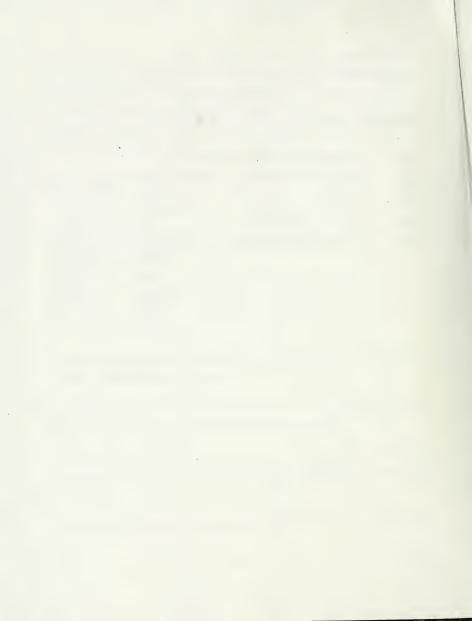


TABLE A-1 THE CONTINUOUS (HOURLY) NETWORK (1992)

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STATION	LAT	42:17 42:19 42:19 42:18	42:59 42:59 42:56 42:59	43:10 42:58 42:57 42:58 43:20	44:18 44:18 42:51 42:52	42:35 42:50 43:28 44:06	43:26 43:04 43:08 43:08	43:10 43:15 43:15 43:15	43:17 43:14 43:14 43:15 43:40	43:39 43:40 43:42 43:42 43:45	43:43 43:47 43:47 43:47
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SQ. - Sulphur Dioxide
COH - Coefficient of Haze
CO - Carbon Honoxide
O, Ozone Dioxide
NO - Nitrogen Dioxide
NO - Nitrogen
NO - Oxides of Nitrogen

THC - Total Hydrocarbon RHC - Reactive Hydrocarbons CH, - Hethane TRS - Total Reduced Sulphur API - Air Pollution index AQI - Air Quality Index

ELEV = AIR INTAKE HEIGHT ABOVE GROUND (HETERS) - LONGITUDE(DEGREES:HINUTES)	
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STATION NAME	309 THOMAS ST. 7730 RIVERSIDE DR E BEACH LAME/HNY 18 WRIGHT/WATER ST 467 UNIVERSITY AV M	9725 RIVERSIDE DR E LITTLE RIVE DROJILLARD RD/RICHOND ST FILTRAT PL', 3665 WYANDOTTE ST E SEMAGE SIN, HWY 18/PROSPECT COLLEGE/SOUTH ST	1802 GEORGE AV 3225 CALIFORNIA ST 2885 HOWARD AV DOUGALL/E.C. ROW W DORMIN PLAZA, DOUGALL	643 ALEXANDRINE 415 FRONT ST 227 TEXAS RO. DUFF ST. (E END) GENERAL HOSPITAL,	HMY40 (OPP LAMBTON GS) R.R. #1 (M OF HOUSE) R.R. #1 (W OF BARN) ST CLAIR BLUD/HMY 40 CENTENNIAL PK, FRONT ST/CH TRACKS	DAVID/FRONT ST SARNA POLICE STATION (ROOF) WAN FAIR GROUNDS. KING/RECTORY EDGEMARE RO (NWW VARTA PLT) CONSERVATION AUTHORITY	POND MILLS 951 COHMIS 801 COMMIS 8 HOUNTSFIE CYANAMIDE F	26 VINE ST (HOEE TRAILER) HWY 2 RR 2 (J SPRIEL PROP) OXFORD CTY RD 6 (HESTON FARH) 423 DEVONSHIRE ANE. (LODGE) VANSITTART ANE (LYON'S POOL)	ADMIRAL ST. CONCESSION F CONCESSION F CONCESSION F CONCESSION F	CONCESSION RD 10 LOT F ST GEORGE/ALMA RAINHAM RD/SANDUSK RD WALPOLE S PS, SANDUSK R RAINHAM RD (NEAR STELCY	NANTICOKE ROJHALPOLE CON 2 N 2 KH MANTICOKE GS HONO-KULPAR SCHOOL, HAY89 71 KING ST 337 ALBERTA/DEVON ST
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TABLE A-2 (cont.) THE PARTICULATE (DAILY) NETWORK (1992)

STACE DIGITS — CYCLE DURATION IN DAYS (M-MERCHAY ONLY) TYP = A-MABIBAT SIRVEY: 1:SOBRE SPECIFIC SIDNEY

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AI "LAITIUDE (DEUKEES: MINUIES)	LAT	42:53 43:07 43:04 43:08	43:05 43:55 43:15 43:16	43:16 43:16 43:16	43:15 43:15 43:17 43:18	43:17 43:15 43:15 43:15	43:16 43:14 43:15 43:40	43:40 43:40 43:40	43:40 43:39 43:42 43:42 43:45	43:46 43:43 43:39 43:36	43:41 43:29 43:24 43:50	43:50 43:42 43:36 43:36
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SEK	112	DAVIS/FRAZER 4057 VICTORIA AV HOLY T CHURCH, NORTON/PORTAGE 185 QUEEN ST S STP GROUNDS, STANLEY AV	NIAGARA F. ALLENDALE HANCON EXPHYSPEED RIVER ELGIN/KELLY KENLINGRIH BURLINGTON/LEEDS	MELLINGTON ONETH ST N	NAND AV LVO DR. 4Y 5	HARVEST ROTHESTE BERTRUGDE DEPEN VICKERS ROTFAST 18TH ST HAIN STIM HIM 403 HORLEY STIPARKDALE AV	DUNDURN/YORK BUCHANAN PARK PS EKEN RD/HITNEY AV ALBRIGHT RD/HT AREION RD BRUCE PS, 51 LARCHMOUNT AV	MOSLEY/LESLIE STS A.R.CLARKE CO. 633 EASTERN AVE. WORKS DEPT, 138 HAMILTON AV TECUMSETH/NIAGARA ST	BAY/GROSVENOR PERTH/RUSKIN(JUNCTION TRIANGLE) PERTY YORK LEASIDE HYORO STATION LAMRENCE/KENNEDY	HENDON AVE (YONGE/FINCH) 315. EDGAR AVE ELWEREST RO (CENTENNIAL PK) MITILAH ANE (MITILAH TANK) EVANS/ARNOLD AV	CLEARVIEW HTGS/KEELE ST 2487 LAKESHORE RD. E HMY 2/MORTH SHORE BLVD E BRONTE RD/WOBUGN CRES FIRE HALL, BAYLY/BROCK	AJAX-PICKERING HOSP PS, RITSON RD/OLIVE AV FIRE HALL, BRAMALEA RD 2365 DIXIE RD 2360 DIXIE RD
ID - STATION IDENTIFICATION NUMBER	STATION NAME	DAVIS/FRAZER 1057 VICTOR 10LY T CHUR 185 QUEEN SI 3TP GROUNDS	NIAGARA F. ALLEN HANLON EXPUY/SPEI ELGIN/KELLY KENILWORTH BURLINGTON/LEEDS	BURLINGTON/WELLINGTON CHATHAM/FRID BARTON/WENTHORTH 450 HUGHSON ST N	405 CUMBERLAND AV BAYYHAIN ST 467 BEACH BLVD NASH/KENTLY DR. OFIELD RD/HMY 5	JARVEST RD/A SERTRUDE/DER JICKERS RD/E JAIN ST/W H JORLEY ST/P	OUNDURN/YORA SUCHANAN PAS SUEN RD/WHIT ALBRIGHT RD, SRUCE PS, 51	OSLEY/LESLI A.R.CLARKE OORKS DEPT. FECUMSETH/N	SAY/GROSVENOR PERTH/RUSKIN(JUNCTION ORT YORK EASIDE HYDRO STATION AMRENCE/KENNEDY	HENDON AVE 35 EDGAR AVI ELHCREST RD WHITLAM AVE	CLEARVIEW H 2487 LAKESHI HWY 2/HORTH BRONTE RD/W FIRE HALL, I	AJAX-PICKER PS. RITSON FIRE HALL, 2365 DIXIE
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ALIUN ID.		LBORNE FALLS A FALLS	FALLS N N N	ZZZZ	N N ILLE	ILLE N N N	****		BK OUGH	ZE E E E	TON NG NG	AUGA
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TABLE A-2 (cont.) THE PARTICULATE (DAILY) NETWORK (1992)

SINGE DIGITS - CYCLE DIBATION IN DAYS (A-WERDAY DALY) TYP - A-AMBIENT SIRVEY: 1.500REY; 1.500RE SPECIFIC SIBNEY 10 - STATION DEATIFICATION NUMBER 1.000 - LONG - LO

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STATION NAME	QUEENSHAY W/HURONTARIO ST HWY47/E OF HY48 HWY117 PAINT LAKE ROAD CEMETERY COLONIZATION RD W LEGION BLDG, 250 CHURCH ST	CAN.CAR, HONTREAL ST HTC 615 JAMES ST S 5 KINGSWAY ST 101 MANITOBA ST	PUMPHOUSE, BONNEY ST LAND OFFICE, QUEEN ST WA. MERRIFIELD SCHOOL TREMBLAY ST (E OF QUIRION) 10169 LAKESHORE RD	19 LISGAR ST POST OFFICE, SPRUCE/BARBER ST PUMPHOUSE, MICKEL ST			d Par
					ت		Total Suspended Particulate Cadmium Chromium
	ES ES	>>	HARIE HARIE RO	#	TOTA		Total Susp Cadmium Chromium Copper
>	MISSISSAUGA STOUFFVILLE DORSET FORT FRANCES FORT FRANCES	THUNDER BAY THUNDER BAY SCHREIBER SCHREIBER	STE STE STE SKEA	UDBURY SPANOLA OPPER CLIFF	PROVINCIAL TOTAL	.:	Cadmiun Chrom Copper
CITY	MISSISS STOUFFV DORSET FORT FR	THUND	SAULT SAULT SAULT HEARST NEW LI	SUDBURY ESPANOLA COPPER CI	PROVI	LEGEND	

PARTICULATE (MONTHLY) NETWORK FABLE A-3

4s.Be,Sb,Li,Sn,Ti As, Be, Sb, L1, S As, Be, Sb, L1, S As, Be, Sb, L1, S 8 FLR 504 N03 > B Z R 듄 Fe 5 B FI K 549 290 99 13 27 13 13 13 13 15 15 15 15 24 03 03 02 02 03 03 14 11311 14 111 32 52 48 4888 LONG 88888 88133 500000 888888 33,283,38 96666 66.66 42:58 43:02 43:03 43:09 43:09 K 00 07 07 07 96 57 57 57 48 48 49 44 49 48 03 03 58 58 58 10 00 00 00 00 10 15 14 14 14 14 22995 922929 22222 22222 20020000 233333 ΓYΡ 2095 4004 5014 5015 5016 2057 22070 22074 22083 22092 2093 22101 22103 22961 27005 7006 7026 7035 7040 7041 7041 7054 7063 8042 9001 29009 29010 29011 29012 29017 MANITOCKE GS (ELYSAH PILE)
STRELING ST (UPP MARCO CID)
ZOL MACINE OR (POLE IN FRONT)
MANITOCKE ROMALDOLLE CON 2
7961 FORTAGE ROAD
4/4 MARRIET STREET B MOUNTSFIELD DRIVE CARNEGIE/BRUCE STREET PERBERTON ST. (CIL ENTRANCE) 35 HENRY ST. (ROOF) 10 ALICE ST. (BACKYARD) WRIGHT/WATER ST.
467 UNIVERSITY AV. WEST
SEWAGE STN. HWY 18/PROSPECT
COLLEGE/SOUTH STREET
225 WILLOW DRIVE 208-210 ALMA STREET CON RD. 14 (E OF RWY TRACK) POND HILLS RV, DEVERON CRES, 951 COMHISSIONERS RD. EAST 801 COMMISSIONERS RD. EAST ST 228 CHAFFEY STREET
383 ALBERTA STREET
37 PLYMOUTH AVENUE
GLENDALE AVYGEN
NIAGARA FALLS RD/ONTARIO ST LAUREK PROPERTY
MANTICOKE ROAD
TEXACO PROPERTY
HAY 6/QUARTERLINE ROAD
RAINHAH RD/SANDUSK ROAD CATHERINE/RUSSELL
GN FOUNDRY
HILL/BREADALBANE STREET
HUGHSON/HURTER
QUEENSTON PUMPING STATION KENILWORTH
OTTAMAN BURLINTON
BURLINGTON/LEEDS
BURLINGTON/WELLINGTON
CHATHAN/FRID BARTON/MENTMORTH ROOSEVELT/BEACH 312 BEACH BLVO. BEACH/CONRAD BURL/GAGE PUMPING 415 FRONT STREET 57 NORTH STREET 459 TEXAS ROAD 326 TEXAS ROAD 210 BALACLAVA ST CATHARINES ST CATHARINES FERGUS HAHILTON WELLAND
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ST CATHARINES
ST CATHARINES
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DTHERS

LONG = LONGITUDE (DEGREES: MINUTES)

- LATITUDE (DEGREES: HINUTES)

IDENTIFICATION NUMBER (METERS) LAT -

INTAKE HEIGHT ABOVE GOUND

ELEV - AIR

ANALYSIS DONE FOR GIVEN PARAMETER YR = YEAR STATION BEGAN AMBIENT SURVEY: I:SOURCE SPECIFIC SURVEY

1 = LAB A TYP = A:A

TABLE A-3 THE PARTICULATE (MONTHLY) NETWORK (1992)

OTHERS

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R = YEAR STATION BEGAN	ELEV TYP LAT	29062 8 1 43.16 2906 5 1 43.17 29074 5 1 43.17 2908 5 1 43.17 29082 4 1 43.15	29084 4 1 43:17 79 29096 4 1 43:18 79 29107 4 1 43:18 79 29102 4 1 43:17 79 29109 4 1 43:17 79	29115 4 1 43:14 79 29116 4 1 43:15 79 29119 4 1 43:16 79 29126 4 1 43:16 79	29127 4 1 45:14 79 29129 4 1 45:13 79 29137 4 1 45:14 79 29137 4 1 45:14 879 29137 4 1 45:14 879	29939 29939 29940 29	IN FRONT) 29274 4 1 43.121 29273 4 1 43.151 29220 4 1 43.151 29223 4 1 43.141 29273 4 1 43.141	31019 5 1 43.39 31050 4 1 43.38 31054 4 1 43.38 31055 4 1 43.38	31058 5 1 43:40 79 31059 4 1 43:30 79 31060 4 1 43:40 79 31065 12 1 43:40 79 7.	31082 5 1 43:40 79 31085 5 1 43:38 79 31177 5 1 43:38 79 31182 4 1 43:38 79 31183 3 1 43:38 79	31184 4 1 43:38 33039 5 1 43:44 33039 5 1 43:44 33050 3 1 43:44
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R = YEAR STATION BEGAN	10 ELEV TYP LAT (H)	RELARMON WG. SCHOOL 29062 1 43:16 1 43:16 1 43:16 1 43:16 1 43:16 1 43:17 1 43	REMBE FREATH BLVD. REMBE FREATH BLVD. 40 FLLD Mobil DANS PROPERTY) 20096 4 1 43.18 79 44.518	LONDOW JUSTINE (MA CORNER) 29115 4 1 43:14 79 DATE HOTTAMA 29116 4 1 43:15 79 ROBERT STANDOM, E.M. 29110 4 1 43:15 79 ROSSULYMORICLER, NE CORNER 29120 4 1 43:16 79 ROSSULYMORICLER, NE CORNER 29120 4 1 43:14 79	MARKEC BALMARI PROMOTO CAST (14.79 CEMPAL CARRAN PAR CORRES) 29312 4 14.313 79 CEMPAL CARRAN PAR CORRES 29313 4 14.318 79 RED BO (REDGE CORRESEE) 29313 4 14.318 79 RED BO (REDGE CORRESEE) 29313 4 14.318 79 RED BO (REDGE CORRESEE) 29313 4 14.311 70	99 ST JOSEPH'S RR 29139 4 1 43:24 ARTHER COURT RD 29140 4 1 43:24 KENNA KETER CT R 29142 4 1 43:24 KETER COURT RD 29142 4 1 43:24 KETER COURT RD 29142 4 1 43:24	BARTON/FAELLY 70 29144 4 1 43:21 BUTHAPT/RANIPS 25217 4 1 43:13 BUTHAPT/RANIPS 25217 4 1 43:13 BUTHAPT/RANIPS 25231 4 1 43:13 BUTHAPT/RANIPS 25231 4 1 43:13 BUTHAPT/RANIPS 25231 4 1 43:13	31019 5 1 43.39 31050 4 1 43.38 31054 4 1 43.38 31055 4 1 43.38	31058 5 1 43:40 79 31059 4 1 43:30 79 31060 4 1 43:40 79 31065 12 1 43:40 79 7.	31082 5 1 43:40 79 31085 5 1 43:38 79 31177 5 1 43:38 79 31182 4 1 43:38 79 31183 3 1 43:38 79	TECHNEST FST, VMA ROBBAR T)
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TABLE A-3 (cont.) THE PARTICULATE (MONTHLY) NETWORK (1992)

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ID = SINTAKE HEIGHT ABOV			42 79:32 46 79:31 37 79:30 37 79:30	79:30 79:28 79:28 79:27	55448	4448888	8444 54044 54044	78:54 79:03 79:34 79:34	334 338 337 338	91 35 35 59	36 335	36 46 46
ID = S AIR INTAKE HEIGHT ABOV	TYP LAT LONG	49 79:17 42 79:31 42 79:31 42 79:32	42 79:32 46 79:31 37 79:30 37 79:30	28 28 28 38	29 79:38 30 79:54 30 79:54 30 79:54	25 79:48 25 79:48 24 79:48 25 79:48 25 79:48	24 79:48 53 78:40 53 78:40 51 78:54	3443334	36 79:35 36 79:34 30 79:38 30 79:38 30 79:37	55 79:59 36 79:35 36 79:35 36 79:35 55 79:59	79:59 79:35 79:36 79:36	79:36 79:46 79:46
ID = S' EV = AIR INTAKE HEIGHT ABOV	LAT LONG	49 79:17 42 79:31 42 79:31 42 79:32	42 79:32 46 79:31 37 79:30 37 79:30	79:30 79:28 79:28 79:27	29 79:38 30 79:54 30 79:54 30 79:54	25 79:48 25 79:48 24 79:48 25 79:48 25 79:48	24 79:48 53 78:40 53 78:40 51 78:54	78:54 79:03 79:34 79:34	36 79:35 36 79:34 30 79:38 30 79:38 30 79:37	55 79:59 36 79:35 36 79:35 36 79:35 55 79:59	79:59 79:35 79:36 79:36	79:36 79:46 79:46
ID = STATION IDENTIFICATION HUMBER ELEV = AIR INTAKE HEIGHT ABOVE GOUND (METERS) LAT =	ELEV TYP LAT LONG (H)	3 1 43:49 79:17 3 1 43:49 79:17 5 1 43:42 79:31 5 1 43:42 79:31 5 1 43:42 79:32	3 1 43:42 79:32 4 A 43:46 79:31 5 1 43:37 79:30 5 1 43:37 79:30 5 1 43:37 79:30	5 1 43:37 79:30 4 1 43:41 79:28 4 1 43:31 79:28 3 1 43:41 79:27 2 1 43:29 79:38	2 1 43:29 79:38 5 1 43:30 79:54 5 1 43:30 79:54 5 1 43:30 79:54 5 1 43:30 79:54	5 I 43:25 79:48 1 I 43:25 79:48 1 I 43:24 79:48 5 I 43:25 79:48 5 I 43:25 79:48	5 1 43:24 79:48 5 1 43:53 78:40 2 1 43:53 78:40 5 1 43:53 78:40 4 1 43:51 78:54	4 1 43:51 78:54 3 1 44:16 79:03 2 1 44:16 79:03 5 1 43:36 79:34 5 1 43:36 79:34	5 1 43:36 79:35 4 1 43:36 79:38 2 1 43:30 79:38 5 1 43:30 79:38	31.07 33.91 43.55 79:59 5 1 43:36 79:35 12 1 43:35 79:35 43.55 79:59	43:54 79:59 5 1 43:33 79:35 5 1 43:33 79:36 5 1 43:32 79:36	5 1 43:32 79:36 3 1 43:41 79:46 5 1 43:42 79:46
	TYP LAT LONG	1 43:49 79:17 1 43:49 79:17 1 43:42 79:31 1 43:42 79:31 1 43:42 79:32	42 79:32 46 79:31 37 79:30 37 79:30	1 43:37 79:30 1 43:41 79:28 1 43:31 79:28 1 43:41 79:27 1 43:429 79:38	1 43:29 79:38 1 43:30 79:54 1 43:30 79:54 1 43:30 79:54 1 43:30 79:54	1 43:25 79:48 1 43:25 79:48 1 43:24 79:48 1 43:24 79:48 1 43:24 79:48	1 43:24 79:46 1 43:53 78:40 1 43:53 78:40 1 43:53 78:40 1 43:51 78:54	1 43:51 78:54 1 44:16 79:03 1 44:16 79:03 1 43:36 79:34 1 43:36 79:34	1 43:36 79:35 1 43:30 79:38 1 43:30 79:38 1 43:30 79:38	31.07 33.91 43.55 79:59 1 43.36 79:35 1 43.36 79:35 43.55 79:59	43:54 79:59 43:33 79:35 43:33 79:36 43:32 79:36	1 43:32 79:36 1 43:41 79:46 1 43:42 79:46
	ELEV TYP LAT LONG (H)	3 1 43:49 79:17 3 1 43:49 79:17 5 1 43:42 79:31 5 1 43:42 79:31 5 1 43:42 79:32	3 1 43:42 79:32 4 A 43:46 79:31 5 1 43:37 79:30 5 1 43:37 79:30 5 1 43:37 79:30	5 1 43:37 79:30 4 1 43:41 79:28 4 1 43:31 79:28 3 1 43:41 79:27 2 1 43:29 79:38	2 1 43:29 79:38 5 1 43:30 79:54 5 1 43:30 79:54 5 1 43:30 79:54 5 1 43:30 79:54	5 I 43:25 79:48 1 I 43:25 79:48 1 I 43:24 79:48 5 I 43:25 79:48 5 I 43:25 79:48	5 1 43:24 79:48 5 1 43:53 78:40 2 1 43:53 78:40 5 1 43:53 78:40 4 1 43:51 78:54	4 1 43:51 78:54 3 1 44:16 79:03 2 1 44:16 79:03 5 1 43:36 79:34 5 1 43:36 79:34	5 1 43:36 79:35 4 1 43:36 79:38 2 1 43:30 79:38 5 1 43:30 79:38	31.07 33.91 43.55 79:59 5 1 43:36 79:35 12 1 43:35 79:35 43.55 79:59	43:54 79:59 5 1 43:33 79:35 5 1 43:33 79:36 5 1 43:32 79:36	5 1 43:32 79:36 3 1 43:41 79:46 5 1 43:42 79:46
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YR = YEAR STATION BEGAN	ELEV TYP LAT LONG (H)	33051 3 0.59 99.17 33052 3 0.59 99.17 34050 5 3 0.59 99.17 34051 5 0.59 99.17 34051 5 0.59 99.17 34051 5 0.59 99.17	34033 3 1 14.52 932 35011 4 14.35 931 35016 5 1 43.37 9330 35018 5 1 43.37 79.30	95019 5 1 43:37 79:30 95026 4 1 43:31 79:28 96027 4 1 43:31 79:28 96027 3 1 43:31 79:28 44005 1 43:31 79:28	44006 44006 44003 44003 55 55 55 55 55 55 55 55 55 55 55 55 55	44000 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	44105 44105 44044 45044 45064	45063 4 1 43.51 98.54 45074 2 1 44.16 99.03 45074 2 1 44.16 99.03 46000 5 1 43.56 99.34 46000 5 1 43.56 99.34	/4000 5 143-6 935 4001 4 143-6 93-8 4001 4 143-6 93-8 4002 2 143-0 93-8 4002 2 143-0 93-8 4003 4 45-0 93-8 4003 4 43-0 93-8	46000 11 0.73 91 6000 6000 6000 6000 6000 6000 6000 6	H STREET 66049 42:44 79:55 79:	OUER STREET 46054 5 1 43:32 79:36 ON ROAD (ERD) 46081 3 1 43:42 79:46 AAUN STREET NORTH (OPP) 46084 5 1 43:42 79:46
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NETWORK
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ID ELEV TYP LAT LONG YR (M)	PROUSE DRIVE/LIMDALE ROAD 46085 5 1 43:42 79:46 56 BARROHADOD COURT	403 BOB-C-LINK ROAD 66997 5 1 43.30 79.36 1 101.00 N N N N N N N N N N N N N N N N N N	Markers of Parkingo Part (#18) Markers of Markers o	LAKYIEN GS 920 EASTEN AIE. LAKYIEN GS 920 EASTEN PLE33 LAKYIEN GS 920 EASTEN PLE34 LAKYIEN GS 920 EA	WEST WEST	S, SAUTR, STREET 500.27 4 1 4.5.7 18-1.7 2 100.00 5 1 14.5.7 18-1	5, SWITEA STREET 2 CHOINT STREET 2 CHOINT SWITEAUNI, MARCH ST. 598100 4 1 43.56 78.10 5 CHOINT SWITEAUNI, MARCH ST. 598100 4 1 43.56 78.10 5 CHOINT SWITE TO SWITE TO SWITEAUNI, MARCH STREET 5 SWITEAUNI, SWITEA	61003 4 1 49.46 94.29 61007 4 1 49.46 94.29 61008 4 1 49.46 94.29 61002 4 1 49.46 92.50	96 ALBERT STREET (1901) 61008 3 1 95-46 92-50 CLORIALTIN RD W 62002 5 1 06.37 93.75 CLORIALTIN RD W 62002 5 1 06.35 93.75 CLORIALTIN RD W 6300 5 06.35 CLORIAL STREET // CLORIAL MEDIE 62004 6 1 06.35 93.75 CLORIA BULDING 20 ORBANIT 62003 5 9 1 46.35 93.25	SINCLARR STYLCTORN ANEWER 60056 4 1 46-36 93-22 RETO ANEWER 6005 4 1 46-36 93-22 NO SINCLAR STREET 6004 4 1 46-36 93-22 NO NELSON STREET 6004 4 1 46-36 93-23 OWI-CAR, WINTERE 6004 3 1 46-36 93-23 OWI-CAR, WINTERE 7004 3 1 46-31 93-30 0WI-CAR, WINTERE 7004 3 1	FORTH PALLER PR. NAY 6.B 6047 4 1 49.35 83.30 F.	MRRIE FATRUTEM AVENUE 77,046 5 A 46:33 94:21 149:41 B3:38 EECOMO,FROMT STS (H700P PLE) 72,018 4 1 49:41 B3:38 13:38 14:10 149:41 B3:38 149:41
ID ELEV TYP LAT LONG YR (M)	46085 5 1 43:42 79:46 46086 2 1 43:42 79:46	46099 5 1 43:30 79:36 46099 5 1 43:30 79:33 46106 5 1 43:35 79:34 46117 5 1 43:35 79:43	46120 5 1 43.43 79;49 46121 5 1 43.42 78;34 46122 5 1 43.43 79;48 46123 5 1 43;43 79;48	HR AVE. 46658 30 I 43:34 79:32 MR PEESS 46659 5 I 43:34 79:33 MR PEESS 46659 5 I 44:30 79:39 47025 5 I 44:30 79:39 47025 5 I 44:30 79:39	80000 5 1 44:50 79:09 80000 5 1 43:57 78:19 80000 5 1 43:57 78:19 80000 5 1 43:57 78:18	SHORT THE STREET SHORT 4 143:57 78:1	5,603.9 5,603.9 5,604.0 1,135.6 1,1	61003 4 1 49.46 94.29 61007 4 1 49.46 94.29 61008 4 1 49.46 94.29 61002 4 1 49.46 92.50	61028 62030	60036 4 1 48:36 93:23 60047 4 1 18:36 93:22 60050 3 1 48:36 93:22 60060 3 1 48:36 93:22 60046 93:23	63047 4 1 48-35 83-30 71045 11 1 46-31 84-23 71045 5 1 1 66-31 84-22 71045 5 4 46-31 84-22	FARVIEW AVENUE TONO OFFICE, QUEN STREET TONO O

TABLE A-3 (cont.) THE PARTICULATE (MONTHLY) NETWORK (1992)

OTHERS

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X	91	79 80 84 84	86 86 87 88	90 90 87 87	87 86 90	
LONG	:21	38 38 38 38	932599	935250 40 40	79:40 81:46 80:54	
LAT LO	26 81:	49:41 83 49:24 82 49:24 82 49:41 83	03 81 24 82 41 83 03 81	49:03 81:47:49 79:47:49 79:47:33 79:47:30 79:47:30 79:47:30 79:47:30 79:47:30 79:47:30 79:47:30 79:47:47:47:47:40 79:47:47:47:47:47:47:47:47:47:47:47:47:47:	46:34 79 46:16 81 46:31 80	
TYP	A 48:	44944	646464	4444	1 46 1 46	
ELEV T	1010	24420	mmmmm	64466		
ш÷						
ID	72026	72041 72060 72061 72080 72082	72086 72087 72088 72090 72093	72096 72097 72098 75042 75043	75044 77208 77226	
STATION NAME	GILLIES STREET WAFERBOARD PLANT, HGHWY. 101	CUSTON SAMPILL ROAD 2 MCHENGEN AVENUE 4 RIVERSIDE DRIVE CUSTON SAMPILL ROCCEBLANC) HIGHMAY 11/HIGHMAY 583	3RD STREET/16TH AVENUE ATH STREET/17TH AVENUE LANG AVENUE CECIL'S CAMPING, HIGHMAY 11 DETOUR LAKE ROAD	DETOUR LAKE ROAD HIGHAY 11 PLART GATE KAPKIGIMAN ROAD, 5KH S HAY 11 DIAHOND PRODUCTS ROAD 1169 LAKESHORE ROAD	LAKESHORE RD. POLE #110 OLD AGE HOHE, HEAD/PARK LANE NIM DISPOSAL, POLE#S, LASALLE	
CITY	TIMMINS	HEARST KAPUSKASING KAPUSKASING HEARST HEARST	COCHRANE COCHRANE KAPUSKASING HEARST COCHRANE	COCHRANE ENGLEHART ENGLEHART NEW LISKEARD NEW LISKEARD	NEW LISKEARD ESPANOLA SUDBURY	TOTALS:

Tipe Teach Joseph J. Continue Co. Codestie Co. Codestie Co. Codestie Co. Correstie Co. Codestie Co. Correstie Co. Correstie Co. Correstie Co. Correstie Co. Correstie Co. Correstie Co. Codestie Co. Codestie Co. Codestie Co. Codestie Co. Codestie C

LEGEND:

TABLE A-4 THE INHALABLE PARTICULATE (PM-10) NETWORK 1992

ID - STATION ID; YR - YEAR HONITORING BEGAN; LAT - LATITUDE(DEGREES: MINUTES); LONG - LONGITUDE(DEGREES: MINUTES)

	204	99999	9	99999	99	999	9	9	9	999	
	A.	99999	9	99999	99	999	9	9	99	999	
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	72	00000	9 9	99999	9	999	9	9	99	999	
	S	99999	9	9999	9	999	9	9	99	999	
	9	99999	99	99999	99	999	9	9	99	999	
	B	9999	9	9999	9	999	9	9	99	999	
	F	99999	99	99999	99	999	9	9	99	999	
	5	9999	9	99999	9	9	9	9	99	999	
	70	99999	9	99999	9	9 9	9	9	9	999	
	Z	9999	9	9999	99	999	9	9	9	9	
	>	9999	9	99999	9	999	9	9	99	999	
	3	99999	99	99999	99	999	9	9	99	999	
	-S	99999	9	99999	99	999	9	9	9	999	
	2	99999	9	99999	99	999	9	9	9	999	
	£	99999	9 9	99999	99	999	9	9	99	999	
	Fe	99999	9	99999	9	999	9	9	99	999	
	3	99999	9	99999	9	999	9	9	99	999	
	П	99999	9	99999	99	999	9	9	9	999	
	ELEV (H)	11114	94	421144	44	8	2	47	6.4	188	
	40	0 2 9 7 1	3.0	72252	63.0	199	4	4	7.3	23 21 59	
	LONG	83:01 82:57 82:16 83:02 83:00	83:00 81:13	80:02 79:15 79:12 79:52 79:57	79:49	79:23 79:16 79:31	79:44	74:44	93:23	228	
			-	000.00		0.05	_	_			
	IA	42:15 42:17 42:17 42:19 42:19	42:19	42:50 43:10 43:07 43:15 43:17	43:15	43:45	43:24	45:01	48:36	46:31 46:32 46:29	
	YR	91 90 92 92	90	90 90 89	90	686	92	95	92	90	
			*								
	01	12056 12057 12507 12508 12513	12613	22304 27308 27352 29300 29302	29313	31127 33127 35127	44127	56051	62135 63201	71342 71368 77326	
METERS)		WEST E.		NDUSK RD	13	AVE. E AVE.	ES.	BEDFORD/THIRD STS.		STREET SCHOOL	
ELEV - AIR INTAKE HEIGHT ABOVE GROUND (METERS)	STATION NAME	140 ROSELAWH DRIVE 6200 EDGARD STREET WRIGHT/WATER STREET 467 UNIVERSITY AVE 3655 WYANDOTTE ST.	3665 WYANDOTTE ST. E. 801 COMMISSIONERS RD.	WALPOLE S P.S., SANDUSK KING ST 185 QUEEN ST. SOUTH ELGINKELLY STREET BEACH BLVD	GERTRUDE/DEPEM STREET BUCHANAN PARK P.S.	BAY ST./GROSVERNOR AVE. KENNEDY RD./LANRENCE AV EVANS/ARROLD AVENUE	BRONTE RO/WOBURN CRES	MEMORIAL PK, BEDFOR	CHURCH STREET S JAHES ST. SOUTH	PUMPHOUSE, BONNEY ST W. H. HERRIFIELD SC LISGAR ST	
AIR INTAKE HEIGH		14 621 882 366 366	361			W.W			NCES 250 BAY 615	HARIE	
ELEV -	CITY	MINDSOR MINDSOR MINDSOR MINDSOR WINDSOR	LONDON	NANTICOKE ST CATMARINES THOROLD HAMILTON HAMILTON	HAMILTON	TORONTO SCARBOROUGH ETOBICOKE	OAKVILLE	CORNWALL	FORT FRANCES THUNDER BAY	SAULT STE SAULT STE SUDBURY	

Notes: Samplers operate on a 6-day sampling cycle : * denotes a Co-located sampler.

LEGEND:

a - Calcium	· Titanium	· · Bromine	Rb - Rubidium	· · Strontium
Ü	F	ä	8	S
Cr - Chromium	Cd - Cadmium	V · Vandium	Ni - Nickel	Zn - Zinc
- Inhalable Particulate	Copper	Iron	Manganese	Lead
Ы	3	Fe	도	8

il um		En	U	ate	
Zirconi	rium	lenti	sent	ulph	
				S	
Zr	Ba.	Se	AS	204	

TABLE A-5 THE METEOROLOGICAL NETWORK (1992)

ID - STATION ID N T - TELEMETRY	LAT - LA	TITUDE	(DEGREES	S:HINUTES)	LC	NG - L	ONGITU	DE (DEG	REES:MIN	IUTES)		
CITY	STATION NAME	ID	YR	LAT	LONG V	IS1	HT1	WS2	HT2	W\$3	НТ3	TEM	DTI
WINDSOR MERLIN COURTRIGHT PARKHILL LONDON	WRIGHT/MATER ST. HOEE MATER PUMP STM, HIDDLE RD. HAY 40 (OPP LAMBTON GS) PUC BUILDING . 800 COMMISSIONERS ST. (EFW PLANT)	12007 13021 14016 15013 15018	84 77 75 83 86	42:17 42:15 42:48 43:10 42:57	82:16 82:13 82:29 81:41 81:13	T T T T	10 9 10 10 25	Ť	40 30	Ť	90 :	Ť	Ť :
BEACHVILLE TIVERTON JARVIS LONG POINT NANTICOKE	26 VINE STREET (MOEE TRAILER) BRUCE GS MEATHER STATION HYDRO MET TOMER (SAUM NE DARVIS) PROVINCIAL PARK RAINHAM ROAD (NEAR STELCO GATE)	17015 18013 22883 22901 22907	89 79 84 79 89	43:04 44:18 42:54 42:35 42:48	80:51 81:35 80:05 80:23 80:04	T T T T	9 10 10 10 10	Ť	30	Ť Ť	85 85	Ť T T	Ť
SMITHVILLE VIOLET HILL CAMBRIDGE ALLANBURG HAMILTON	NIAGARA WORKS YARD (2KM N. SMITHVILLE) MOND-MULMAR SCHOOL, HIGHWAY 89 CLYDE ROAD TRANSFORMER STATION HIGHWAY 58 BRAMPTON/WODDWARD	23005 26048 26066 27011 29026	90 89 91 81 75	43:07 44:06 43:38 43:04 43:15	79:32 80:06 80:29 79:11 79:46	T T T T	10 10 30 10	: † T	37 30	; ·		: † †	: † †
TORONTO TORONTO TORONTO SCARBOROUGH ETOBICOKE	ISLAND AIRPORT-ENVIRONMENT CANADA SITE BRUCE PS, SI LARCHMOUNT AVENUE PERTHYRUSKIN GUNCTION TRIANGLE) LANGENCE/KENNEDY AVE. EVANS/ARONDLO AVENUE	31025 31045 31120 33003 35033	75 75 82 75 75	43:38 43:39 43:40 43:45 43:37	79:23 79:25 79:27 79:16 79:31	T T T T	10 21 18 12 10	: Ť	30	: † †	76 91	: : T	Ť
OAKVILLE OSHAWA STOUFFVILLE CORNWALL PORT HOPE	BRONTE ROAD/WOBURN CRESCENT PUBLIC SCHOOL, RITSON RD/OLIVE AVE. HIGHMAY 47 EAST OF HIGHMAY 48 861 MEST SECOND STREET FILTRATION PLANT. HARSH STREET	44015 45025 48002 56065 58031	80 79 82 76 79	43:24 43:53 43:58 45:01 43:56	79:44 78:51 79:16 74:44 78:18	T T T T	10 10 10 9						
DRYDEN FORT FRANCES MARATHON RED ROCK TERRACE BAY	35 VAN HORNE AVENUE EIGHTH STREET/CORNHALL AVENUE MATER TOWER RECREATION CENTRE ST MARTIN SCHOOL	61027 62047 63033 63084 63090	84 90 78 82 81	49:47 48:37 48:43 48:57 48:47	92:50 93:25 86:23 88:15 87:05	T T T T	18 10 8 15 12		:	:		T :	
THUNDER BAY SCHREIBER SAULT STE MARIE NORTH BAY SUDBURY	MTO 615 JAMES STREET SOUTH 301 ONTARIO STREET. PS WM. HERRIFIELD SCHOOL OPP STATION HANNER	63200 63402 71068 75010 77013	90 89 87 87 82	48:22 48:47 46:32 46:19 46:39	89:17 87:27 84:21 79:27 80:57	T T T T	10 12 10 10	:	:	:		İ T	
SUDBURY SUDBURY	CKNC-TV, 699 FROOD ROAD 1412 STEPHEN STREET	77025 77225	73 90	46:30 46:28	81:00 81:00	T	10 6	:	:	τ.	115	T	

LEGEND:

WS1 - WIND SPEED AND DIRECTION BELOW 23 H
WS2 - WIND SPEED AND DIRECTION 23 H TO 76 H
WS3 - WIND SPEED AND DIRECTION ABOVE 76 H
TEH - AMBIENT TEMPERATURE
DT1 - TEMPERATURE DIFFERENCE LEVEL 2 MINUS LEVEL 1
TEMPERATURE DIFFERENCE LEVEL 3 MINUS LEVEL 1
TEMPERATURE DIFFERENCE LEVEL 3 MINUS LEVEL 1

HT1 - SENSOR HEIGHT (METERS) LEVEL 1 HT2 - SENSOR HEIGHT (METERS) LEVEL 2 HT3 - SENSOR HEIGHT (METERS) LEVEL 3

TABLE A-6 SULPHUR DIOXIDE (SO₂) STATISTICS (1992)

YEAR -			TOYIE	AC.				UNIT	= PART ARITH-			,NO	OF TIE	ŒS
STATIO NUMBER	N LOCATION	NO. OF DAYS	10	30	PERC 50	ENTILE 70	90	99	METIC	HAXI 1HR	MUM 24HR		CRITER 24HR	
2007	WRIGHT/WATER ST													
12007	WINDSOR	364	.000	.000	.000	.002	.008	.019	.004	0.06	0.02	0	0	0
2008	467 UNIVERSITY AV W WINDSOR	266	000	000	000									
2013	FILTRAT PLT.3665 WYANDOTTE ST E WINDSOR	366	.000	.000	.000	.004	.010	.028	.006	0.08	0.02	0	0	0
2016	COLLEGE/SOUTH ST WINDSOR	359	.000	.000	.000	.000	.008	.025	.004	0.07	0.03	0	0	0
4016	HWY40 (OPP LAMBTON GS) COURTRIGHT	366	.000	.000	.001	.006	.013	.030	.007	0.07	0.03	0	0	0
1064	CENTENNIAL PK, FRONT ST/CN TRACKS	357	.000	.000	.000	.001	.011	.065	.006	0.21	0.07	0	0	0
5001	SARNIA WRN FAIR GROUNDS, KING/RECTORY	366	.000	.000	.000	.003	.017	.098	.009	0.21	0.09	0	0	0
5015	LONDON 951 COMMISSIONERS RD E	366	.000	.000	.000	.002	.008	.019	.004	0.05	0.02	0	0	0
	LONDON	297	.000	.000	.000	.000	.004	.018	.002	0.05	0.02	0	0	0
5016	801 COMMISSIONERS RD E LONDON	297	.000	.000	.000	.000	.004	.019	.002	0.05	0.02	0	0	0
5017	8 MOUNTSFIELD DR LONDON		.000	.000										
8007	CONCESSION RD 2 LOT A TIVERTON	296			.000	.000	.005	.016	.002	0.05	0.02	0	0	0
071	EXPERIMENTAL FARM SIMCOE	366	.000	.000	.000	.000	.000	.010	.001	0.04	0.01	0	0	0
086	CHEAPSIDE RD(3 KM S OF HWY 3) NANTICOKE	366	.000	.000	.000	.000	.007	.020	.003	0.06	0.03	0	0	0
094	TOWNLINE RD/CON 13 TOWNSEND	366	.000	.000	.000	.002	.009	.032	.005	0.14	0.03	0	0	0
901	PROVINCIAL PARK LONG POINT	366	.000	.000	.000	.000	.007	.020	.003	0.07	0.03	0	0	0
907	RAINHAM RD (NEAR STELCO GATE)	363	.000	.000	.000	.003	.009	.020	.005	0.06	0.03	0	0	0
045	NANTICOKE WEBER/UNIVERSITY ST	348	.000	.000	.000	.000	.009	.036	.004	0.19	0.04	0	0	0
000	WATERLOO	188	.000	.000	.000	.003	.008	.019	.004	0.05	0.03	0	0	IN
060	WEST AVE/HOMEWOOD KITCHENER	358	.000	.000	.000	.000	.008	.022	.003	0.07	0.04	0	0	0
7051	HOLY T CHURCH NORTON/PORTAGE CHIPPAWA										0.04		U	
052	185 QUEEN ST S THOROLD	357	.000	.000	.000	.000	.006	.021	.002	0.09	0.02	0	0	0
055	STP GROUNDS, STANLEY AV NIAGARA FALLS	152	.000	.000	.001	.005	.009	.025	.006	0.06	0.02	0	0	IN
056	ALLENDALE AV NIAGARA FALLS	354	.000	.000	.000	.000	.008	.027	.003	0.09	0.03	0	0	0
067	ARGYLE CRES (PUHP STN)	363	.000	.000	.000	.002	.008	.019	.004	0.08	0.02	0	0	0
028	ST CATHARINES EXHIBITION ST/CLARK ST	366	.000	.000	.000	.003	.009	.025	.005	0.10	0.03	0	0	0
000	GUELPH ELGIN/KELLY ST	362	.000	.000	.000	.000	.007	.019	.003	0.06	0.02	0	0	0
025	HAMILTON BARTON/WENTWORTH	366	.000	.000	.000	.005	.015	.045	.007	0.13	0.03	0	0	0
	HAMILTON	365	.000	.000	.000	.005	.019	.059	.008	0.14	0.04	0	0	0
102	467 BEACH BLVD HAMILTON	344	.000	.000	.002	.008	.025	.068	.011	0.15	0.05	0	0	0
105	NASH RD/KENTLEY DR HAMILTON													
		366	.000	.000	.002	.006	.009	.025	.007	0.08	0.03	0	0	0

TABLE A-6 (cont.) SULPHUR DIOXIDE (SO₂) STATISTICS (1992)

YEAR	- 1992 POLLUTANT -	SIII PHUR			INC EN	VIKUNN	ENI AN		- DAD	TS/MILL	TON			
STAT		NO. O			DED	CENTIL	re	ONTI	ARITH			NO.	OF T	IMES
NUMB		DAYS	10	30	50	70	90	99	MEAN	1HR	IHUH 24HR	1HR	CRIT 24H	ERIA R 1YR
2911	4 VICKERS RD/EAST 18TH ST HAMILTON													
2911	B MAIN ST W/HWY403 HAMILTON	356	.000			.004	.012	. 038	.006	B.10	0.03	0	0	0
3110	BAY/GROSVENOR TORONTO	366	.000	.000		. 004	.009	.028	.006	0.08	0.04	0	0	0
31120	PERTH/RUSKIN(JUNCTION TRIANGLE TORONTO	363	.000	.000	.003	.006	.010	. 028	.008	0.09	0.04	0	0	0
31190	CN TOWER, 301 FRONT ST W TORONTO	364	.000	.000	.000	.005	.009	.022	.006	0.06	0.03	0	0	0
32010	LEASIDE HYDRO STATION EAST YORK	362	.000	.000	.002	.006	.012	. 049	.008	0.30	0.04	2	0	0
33003	LAWRENCE/KENNEDY SCARBORO	359	.000	.000	.000	.003	.008	.019	.004	0.06	0.02	0	0	0
33019	REDLAND CR (SCARB BLUFFS) SCARBORO	365	.000	.000	.000	.000	.006	.020	.003	0.07	0.03	0	0	0
34002		51	.000	.000	.000	.001	.009	.026	.004	0.06	0.02	0	0	INS
34020		62	.000	.000	.000	.002	.008	.021	.004	0.10	0.02	0	0	INS
34025		366	.000	.000	.000	.003	.009	.025	. 005	0.17	0.03	0	0	0
35003		361	.000	.000	.000	.003	.009	.029	.005	0.12	0.03	0	0	0
35033		366	.000	.000	.002	.006	.010	.027	.008	0.15	0.03	0	0	0
36030	CLEARVIEW HTGS/KEELE ST	364	.000	.000	.000	.001	.008	.021	.004	0.06	0.02	0	0	0
44008	HWY2/NORTH SHORE BLVD E BURLINGTON	366	.000	.000	.002	.006	.010	.026	.007	0.11	0.03	0	0	0
44015	BRONTE RD/WOBURN CRES	344	.000	.000	.000	.005	.009	.024	.006	0.08	0.03	0	0	0
45025	PS. RITSON RD/OLIVE AV	366	.000	.000	.000	.002	.008	.021	.004	0.06	0.03	0	0	0
46110	QUEENSWAY W/HURONTARIO ST MISSISSAUGA	366	.000	.000	.000	.000	.008	.018	.004	0.05	0.02	0	0	0
46117	MEADOW PK. APPLE LANE CLUB MISSISSAUGA	366	.000	.000	.000	.004	.009	.028	.006	0.18	0.03	0	0	0
47042	ARMOURY BLDG, PARK/PARKSIDE ST BARRIE	362	.000	.000	.000	.003	.009	.028	.005	0.13	0.03	0	0	0
48002	HWY47/E OF HWY48 STOUFFVILLE	45	.001	.003	.006	.008	.015	.027	.011	0.06	0.02	0	0	INS
51001	MCD GDS, RIDEAU/WURTEHBURG ST OTTAWA	362	.000	.000	.000	.000	.007	.018	.003	0.09	0.03	0	0	0
56051	MEHORIAL PK BEDFORD/THIRD CORNWALL	366	.000	.000	.000	.000	.004	.013	.002	0.09	0.02	0	0	0
63200	MTC 615 JAMES ST S THUNDER BAY	366	.000	.000	.000	.000	.010	.064	.006	0.35	0.05	1	0	0
71068	WM. MERRIFIELD SCHOOL SAULT STE MARIE	361	.000	.000	.000	.000	.000	.008	.000	0.02	0.01	0	0	0
75010	OPP STN NORTH BAY	359	.000	.000	.000	.000	.001	.023	.002	0.06	0.02	0	0	0
77012	SKEAD SUDBURY	117	.000	.000	.000	.000	.005	.015	.002	0.07	0.01	0	0	INS
77013	HANNER SUDBURY	365	.000	.000	.000	.000	.009	.114	.006	0.41	0.06	9	0	0
77016	WATER TANK, ASH ST	365	.000	.000	.000	.000	.005	. 069	.004	0.47	0.08	3	0	0
	SUDBURY	363	.000	.000	.000	.000	.010	. 093	.006	0.35	0.06	9	0	0

TABLE A-6 (cont.) SULPHUR DIOXIDE (SO₂) STATISTICS (1992)

ONTADIO	MINICIPA	OF	TUC	EMULDOWNERL	AMD	CHEDOV	

		- SULPHUR	DIONIL					0141	T = PART: ARITH-	orni LL1	Oli	NO.	OF TIM	ES
TATIO NHBER		NO. OF DAYS	10	30	PERC 50	70	90	99	METIC	HAXI 1HR	MUM 24HR	ABOVE 1HR	CRITER 24HR	IA 1YF
7028	GOVERNMENT RD/EDWARD ST CONISTON													
7065	FALCONBRIDGE RD GARSON	363	.000	.000	.000	.000	.000	.034	.002	0.32	0.02	1	0	0
7075	KENNEDY ST NEW SUDBURY	359	.000	.000	.000	.000	.008	. 094	.005	0.38	0.04	4	0	0
7096	LONG LAKE RD (VILLA LOYOLA) SUDBURY	365	.000	.000	.000	.000	.009	. 093	.006	0.35	0.05	9	0	0
7201	MIKKOLA (J. HAMILTON SCHOOL) SUDBURY	365	.000	.000	.000	.000	.008	.096	.006	0.81	0.08	16	0	0
7203	SCIENCE NORTH SUDBURY	365	.000	.000	.000	.000	.006	.105	.005	0.43	0.09	19	0	0
7206	ST LAURENT/REGIONAL RD RAYSIDE	365	.000	.000	.000	.000	.007	.069	.004	0.46	0.04	8	0	0
7218	LOT 2-PLAN M-1025 COPPER CLIFF	362	.000	.000	.000	.000	.001	. 049	.003	0.56	0.04	2	0	0
7220	GATCHELL SUDBURY	365	.000	.000	.000	.000	.015	.211	.010	0.63	0.18	64	3	0
7225	1412 STEPHEN STREET SUDBURY	357	.000	.000	.000	.000	.008	.073	.005	0.38	0.05	11	0	0
	SUUBURT	362	.000	.000	.000	.000	.009	.099	.006	0.45	0.09	17	0	0

TABLE A-7 SUSPENDED PARTICLES (SP) STATISTICS (1992)

YEAR	- 1992	POLLUTANT - SOILING	INDEX					U	MIT -	COHS/1000 FT				
STATI NUMBE	R LOCATION		NO. O DAYS				TILES 0 70	90	99	ARITH- METIC MEAN		IHUH 24HR	NO. OF ABOVE CF 24HR	
12008	467 UNIVERSITY AV	W												
12016	COLLEGE/SOUTH ST WINDSOR		363	0.05	0.1	4 0.2	3 0.34	0.59	1.24	0.34	3.2	1.3	2	- 0
14064	CENTENNIAL PK, FRO	NT ST/CN TRACKS	363	0.07	0.1	6 0.2	6 0.39	0.70	1.88	0.40	4.8	1.4	8	0
15001		KING/RECTORY	359	0.00	0.0	6 0.1	3 0.22	0.39	0.83	0.22	2.1	0.8	0	0
22907		STELCO GATE)	361	0.01	0.0	7 0.1	4 0.24	0.44	0.92	0.24	2.5	1.0	0	0
26045	WEBER/UNIVERSITY	ST	314	0.01	0.0	7 0.1	4 0.24	0.43	0.78	0.23	2.9	0.7	0	0
26048	MONO-MULAR SCHOOL VIOLET HILL		192	0.00	0.0	5 0.1	1 0.18	0.33	0.69	0.19	1.5	0.6	0	INS
26060	WEST AVE/HOMEWOOD KITCHENER		160	0.00	0.0	0.0	4 0.09	0.20	0.46	0.11	1.6	0.4	0	INS
27052	185 QUEEN ST S THOROLD		338	0.00	0.0	6 0.1	0.24	0.44	0.90	0.24	2.1	0.9	0	0
27055	STP GROUNDS, STAN	LEY AVE	112	0.00	0.0	4 0.0	8 0.15	0.28	0.58	0.16	1.4	0.5	0	INS
27056	ALLENDALE AV		358	0.01	0.0	9 0.1	3 0.30	0.54	1.08	0.29	2.3	0.9	0	0
27067	NIAGARA FALLS ARGYLE CRES (PUMP	STN)	355	0.01	0.0	7 0.1	0.21	0.37	0.71	0.21	1.5	0.8	0	0
28028		RK ST	350	0.02	0.0	3 0.1	0.25	0.46	1.07	. 0.26	2.8	1.6	2	0
	GUELPH		321	0.00	0.0	5 0.1	0.20	0.38	0.70	0.20	2.0	0.6	0	0

TABLE A-7 (cont.) SUSPENDED PARTICLES (SP) STATISTICS (1992)

		SOILING INDEX					U	IIT -	COHS/1000 ARITH-				N	O. OF TI	MES
STATIO NUMBER		NO. C DAYS	F 10		RCENT: 50	LES 70	90	99	HETIC	1	MAXIM HR	IUM 24HR	AB	OVE CRIT 24HR	ERIA 1YR
29000															
29001	HUGHSON/HUNTER HAMILTON	341			0.29							1.8		14	0
29025	BARTON/WENTWORTH HAMILTON	339	0.03	0.16	0.26	0.41	0.75	1.51	0.39	2	.4	1.8		7	0
29102		351	0.07	0.21	0.34	0.53	0.89	1.78	0.48	4	.0	1.6		13	0
29105	NASH RD/KENTLEY DR HAMILTON	346	0.03	0.15	0.30	0.51	0.87	1.54	0.44	2	.9	1.2		3	0
29114	VICKERS RD/EAST 18TH ST HAMILTON	352			0.24				0.35	2		1.4		2	0
29118	MAIN ST W/HWY403 HAMILTON	361			0.18				0.30	2		1.1		1	0
31049	HISSION, 381 YONGE ST TORONTO	355			0.23				0.41	2.	.7	1.6		14	0
31103	BAY/GROSVENOR TORONTO	351			0.44				0.58	3.		1.6		17	1
31120	PERTH/RUSKIN(JUNCTION TRIANGLE) TORONTO				0.27				0.39	2.		1.1		1	0
31190	CN TOWER, 301 FRONT ST W TORONTO	358			0.23				0.35	3.		1.3		1	0
32010	LEASIDE HYDRO STATION EAST YORK	352			0.18				0.28	3.		0.9		0	0
33003	LAWRENCE/KENNEDY SCARBORO	343			0.23				0.36	3.		1.4		2	0
34020	HENDON AVE (YONGE/FINCH) NORTH YORK	340			0.19				0.30	2.		0.8		0	0
34025	35 EDGAR AVE NORTH YORK WEST	357			0.19				0.31	2.		1.0		0	0
35003	ELMCREST RD (CENTENNIAL PK) ETOBICOKE	350			0.26				0.44	3.		1.6		15	0
35033	EVANS/ARNOLD AV ETOBICOKE	352			0.19				0.32	3.		1.3		1	0
36030	CLEARVIEW HTGS/KEELE ST YORK	353			0.32				0.46	3.		1.3		11	0
44008	HWY2/NORTH SHORE BLVD E BURLINGTON	355			0.25				0.40	3.		1.2		4	0
44015	BRONTE RD/WOBURN CRES OAKVILLE	329			0.18				0.30	3.		1.1		1	0
45025	PS. RITSON RD/OLIVE AV OSHAWA	359			0.21				0.34	3.		1.2		2	0
46110	QUEENSWAY W/HURONTARIO ST MISSISSAUGA	343			0.19				0.31	2.		1.3		1	0
51001	MCD GDS, RIDEAU/WURTEMBURG ST OTTAWA	345			0.22				0.35	2.		1.0		0	0
56051	MEMORIAL PK BEDFORD/THIRD CORNWALL	361			0.16				0.28	2.).9		0	0
62030	PORTAGE/CHURCH ST FORT FRANCES	366			0.08				0.19	2.		1.0		0	0
63200	MTC 615 JAMES ST S THUNDER BAY	344			0.08				0.18	2.		0.6		0	0
71068	WM. MERRIFIELD SCHOOL SAULT STE MARIE				0.11				0.23	2.		1.9		0	0
75010	OPP STN NORTH BAY				0.17				0.30	4.		1.2		2	0
		329	0.00	0.03	0.09	.20 (.50 .	1.20	0.22	2.	, (1.9		U	U

TABLE A-7 (cont.) SUSPENDED PARTICLES (SP) STATISTICS (1992)

ONTARIO HINISTRY OF THE ENVIRONMENT AND ENERGY

YEAR - 1992	POLLUTANT - SOILING INC	EX					UNI	Т -	COHS/1000 FT				
STATION NUMBER LOCATION		NO. OF DAYS	10	PERC 30	ENTIL 50	ES 70	90	99	ARITH- METIC MEAN	MAX 1HR	IHUM 24HR	NO. OF ABOVE CR 24HR	TIMES ITERIA 1YR
77203 SCIENCE NORTH SUDBURY													
		353 (0.00 0	.03 0	.08 (1.14 0	.30 0	.76	0.17	2.4	0.6	0	0

TABLE A-8 TOTAL REDUCED SULPHUR (TRS) STATISTICS (1992)

YEAR - STATIO NUMBER	N	NO. OF DAYS	ED SUL	PHUR 30	PERC 50	ENTILES 70	90	UNIT =	PARTS/BILLION ARITH- METIC MEAN	MAXIM 1HR	IUM 24HR	EXCEEDANCES OF PULP MILL AQC 1HR
12007	WRIGHT/WATER ST WINDSOR											
12016	COLLEGE/SOUTH ST WINDSOR	359	0.0	0.0	0.0	0.4	1.4	5.3	0.7	36	6	1
14064	CENTENNIAL PK, FRONT ST/CN TRACKS SARNIA	356	0.0	0.0	0.0	0.4	1.4	4.6	0.7	13	5	0
18007	CONCESSION RD 2 LOT A	344	0.0	0.0	0.0	0.0	0.3	2.8	0.2	14	3	0
18107		366	0.0	0.0	0.0	0.0	0.0	0.9	0.1	4	1	0
22904	WALPOLE S PS, SANDUSK RD	301	0.0	0.0	0.0	0.0	0.2	0.9	0.1	3	1	0
22907		351	0.0	0.0	0.0	0.3	0.9	3.0	0.5	17	3	0
27051		354	0.0	0.0	0.2	0.7	1.9	7.0	1.0	20	5	0
27052	CHIPPANA 185 QUEEN ST S	355	0.0	0.0	0.0	0.3	1.0	4.8	0.6	11	7	0
27055	THOROLD STP GROUNDS, STANLEY AV	149	0.0	0.0	0.0	0.4	1.0	3.3	0.6	7	4	0
29000	NIAGARA FALLS ELGIN/KELLY ST	346	0.0	0.0	0.2	0.9	3.2	15.1	1.5	56	15	18
29025	HAMILTON BARTON/WENTWORTH	360	0.0	0.0	0.0	0.3	1.3	5.8	0.6	24	6	0
	HAMILTON 467 BEACH BLVD	349	0.0	0.0	0.4	1.0	2.7	6.8	1.3	42	7	2
29105	HAHILTON NASH RD/KENTLEY DR	335	0.0	0.0	0.4	0.9	2.8	10.3	1.4	40	7	1
29114	HAMILTON VICKERS RD/EAST 18TH ST	336	0.0	0.0	0.0	0.4	1.0	2.5	0.6	13	3	0
29118	HAHILTON	366	0.0	0.0	0.0	0.2	0.9	4.8	0.5	20	6	0
	HAMILTON	348	0.0	0.0	0.0	0.0	0.9	3.4	0.4	13	5	0
44015	BRONTE RD/WOBURN CRES OAKVILLE	366	0.0	0.0	0.0	0.4	0.9	2.3	0.5	15	3	0
46117	MEADOW PK, APPLE LANE CLUB MISSISSAUGA	321	0.0	0.0	0.2	0.7	1.5	4.7	0.9	19	5	0
56051	CORNWALL	366	0.0	0.3	1.1	2.0	4.0	12.2	2.2	133	11	26
56068	SCHOOL, 435 SECOND ST W CORNWALL	310	0.0	1.2	2.4	3.8	6.9	33.5	4.2	232	17	155
61027	35 VAN HORNE AV DRYDEN	362	0.0	0.0	0.0	0.0	0.5		0.3	55	4	3
		202	0.0	0.0	0.0	0.0	U.5	4.6	0.3	22	4	3

TABLE A-8 (cont.) TOTAL REDUCED SULPHUR (TRS) STATISTICS (1992)

ONTARIO HINISTRY OF THE ENVIRONMENT AND ENERGY

YEAR -	1992	POLLUTANT -	TOTAL REDUCE	D SUL	PHUR				UNIT =	PARTS/BILLION ARITH-			EXCEEDANCES OF
STATIO NUMBER	LOCATION		NO. OF DAYS		30		70		99	METIC MEAN	HAXI 1HR		PULP MILL AQC 1HR
62030	PORTAGE/CHURCH ST FORT FRANCES												
62032	CEMETERY, COLONIZAT	ION RD W .	366	0.0	0.0	0.0	1.3	13.6	46.8	4.2	234	39	310
	FORT FRANCES		366	0.0	0.0	0.0	0.0	1.8	12.6	0.8	47	10	10
62047	EIGHTH ST/CORNWALL FORT FRANCES	AVE	359	0.0	0.0	0.0	0.9	7.0	35.4	2.9	190	42	165
62051	110 VICTORIA AVE (HOSP)											
63033	WATER TOWER MARATHON		348	0.0	0.0	0.0	0.0	2.8	20.3	1.3	70	11	44
63046	CAN-CAR, HONTREAL	ST	346	0.0	0.0	0.0	0.0	0.6	8.7	0.5	61	7	9
63084	THUNDER BAY RECREATION CENTRE		347	0.0	0.0	0.0	0.0	2.4	15.4	1.0	43	10	12
*****	RED ROCK ST MARTIN SCHOOL		360	0.0	0.0	0.0	0.2	5.4	27.8	2.0	110	23	89
63090	TERRACE BAY		366	0.0	0.0	0.0	0.0	3.7	27.9	1.7	117	16	96
63093	MILL RD/SOUTH CAMP TERRACE BAY	RD	359	0.0	0.0	0.0	0.8	12.1	80.3	4.9	243	65	404
63200	MTC 615 JAMES ST S THUNDER BAY		251				0.0	0.5	3.5	0.3	22	6	0
71068	WM. MERRIFIELD SCH SAULT STE MARIE	00L	361	0.0	0.0	0.0							
72084	ROSS RD SMOOTH ROCK FALLS		328	0.0	0.0	0.0	0.0	0.7	2.8	0.3	14	2	0
77203	SCIENCE NORTH SUDBURY		329	0.0	0.0	0.0	0.0	0.8	5.1	0.4	31	4	1
	SUPPORT		357	0.0	0.0	0.0	0.0	0.0	0.9	0.1	7	2	0

TABLE A-9 CARBON MONOXIDE (CO) STATISTICS (1992)

YEAR -	1992	POLLUTANT - CARBON	MONOXIDE					UN	IT =	PARTS/M	ILLION		NO. OF	TIMES
STATIO NUMBER	N LOCATION		NO. OF DAYS	10	PER 30	CENTI 50	LES 70	90	99	METIC	HAXII 1HR	AUH BHR	ABOVE CI	
12008	467 UNIVERSITY AT WINDSOR	V W	366	0.0	0.1	0.4	0.7	1.0	2 0	0.9	q	5	0	0
14064	CENTENNIAL PK.FRI SARNIA	ONT ST/CN TRACKS					0.0			0.3	4	2	0	0
15001	WRN FAIR GROUNDS LONDON	, KING/RECTORY					0.5			0.6	5	3	0	0
26060	WEST AVE/HOMEWOOD	D									6	3	0	0
27067	ARGYLE CRES (PUH ST CATHARINES	P STN)					0.3			0.4		-		0
29000	ELGIN/KELLY ST HAMILTON						0.4			0.5	5	4	0	
29118	MAIN ST W/HWY403 HAMILTON						0.9				6	4	0	0
31049	MISSION, 381 YON TORONTO	GE ST								0.7	5	4	0	0
31103	BAY/GROSVENOR TORONTO						1.8			1.9	12	8	0	0
31120	PERTH/RUSKIN(JUN TORONTO	CTION TRIANGLE)	359	0.0	0.2	0.5	0.8	1.2	2.3	1.0	7	3	0	0
	TORONTO		364	0.0	0.0	0.3	0.6	1.0	2.3	0.8	7	5	0	0

TABLE A-9 (cont.) CARBON MONOXIDE (CO) STATISTICS (1992)

ONTARIO MINISTRY OF THE ENVIRONMENT AND ENERGY

YEAR -	1992 POLLUTANT - CARBON	HONOXIDE					UN	IT -	PARTS/M:			NO. OF	TIMES
STATION NUMBER	LOCATION	NO. OF DAYS	10	30	CENTI 50	70	90	99	METIC	MAXI 1HR	8HR	ABOVE CR	
1190	CN TOWER, 301 FRONT ST W TORONTO	357	0.0	0.0	0.3	0.6	0.0	2 7	0.8	4	3	0	0
2010	LEASIDE HYDRO STATION EAST YORK								1.1	5	4	0	0
3003	LAWRENCE/KENNEDY SCARBORO	343					1.5					-	
4002	SC CTR. 770 DON MILLS RD	361	0.0	0.0	0.3	0.7	1.0	2.3	0.8	6	3	0	0
	NORTH YORK	62	0.0	0.0	0.2	0.5	0.9	1.8	0.6	3	2	0	0
4020	HENDON AVE (YONGE/FINCH) NORTH YORK	366	0.0	0.2	0.5	0.8	1.2	2.6	1.0	6	4	0	0
4025	35 EDGAR AVE NORTH YORK WEST	361					1.6		1.2	9	5	0	D
5003	ELMCREST RD (CENTENNIAL PK) ETOBICOKE												
5033	EVANS/ARNOLD AV ETOBICOKE	364	0.0	0.0	0.1	0.5	0.9	1.9	0.6	6	3	0	0
6030	CLEARVIEW HTGS/KEELE ST	362	0.0	0,1	0.4	0.7	1.0	2.3	0.9	7	3	0	0
	YORK . HWY2/NORTH SHORE BLVD E	361	0.0	0.2	0.5	0.7	1.2	2.9	1.0	12	4	0	0
14008	BURLINGTON	358	0.0	0.0	0.2	0.5	0.9	1.6	0.7	7	2	0	0
14015	BRONTE RD/WOBURN CRES OAKVILLE	366	0.0	0.0	0.0	0.0	0.7	1 6	0.3	4	2	0	0
15025	PS, RITSON RD/OLIVE AV												
6110	QUEENSWAY W/HURONTARIO ST	362	0.0	0.2	0.4	0.7	1.0	2.3	0.9	8	5	0	0
51001	MISSISSAUGA MCD GDS, RIDEAU/WURTEHBURG ST	360	0.0	0.3	0.5	0.8	1.5	3.0	1.1	7	4	0	0
	OTTAWA	366	0.1	0.3	0.5	0.8	1.1	2.4	1.1	7	4	0	0
00051	MEMORIAL PK BEDFORD/THIRD CORNWALL	366	0.0	0.0	0.0	0.1	0.8	4.7	0.5	11	6	0	0
53046	CAN-CAR, MONTREAL ST THUNDER BAY	200	0.0	0.0		0.0	0.7	1.5	0.3	6	3	0	0
3200	MTC 615 JAMES ST S THUNDER BAY	366	0.0							-			
5010	OPP STN	319	0.0	0.0	0.0	0.0	0.3	1.3	0.2	8	3	0	0
77203	NORTH BAY SCIENCE NORTH	121	0.0	0.0	0.0	0.1	0.8	2.6	0.4	7	3	0	0
. 2.00	SUDBURY	363	0.0	0.0	0.0	0.0	0.0	1.0	0.1	4	2	0	0

TABLE A-10 TOTAL HYDROCARBON (THC) STATISTICS (1992)

		UNIARIO MINI	SIKT U	F IHE	EMATKO	NMEN I	HNU E	NEKGI			
YEAR -	1992 POLLUTANT	- TOTAL HYDRO	CARBON	S				UNIT -	PARTS/MILLION ARITH-		
STATIO NUMBER		NO. OF DAYS	10	30	PERC 50	ENTILE 70	90	99	METIC MEAN	HAXI 1HR	MUH 24HR
29000	ELGIN/KELLY ST HAMILTON	312	1 52	1 66	1 77	1 87	2 04	2.53	1.84	3.7	2.5
31103	BAY/GROSVENOR TORONTO	355						2.52	1.69	4.0	2.4
31120	PERTH/RUSKIN(JUNCTION TRIANG TORONTO	LE)						3.59	1.81	6.0	3.0
35033	EVANS/ARNOLD AV ETOBICOKE	358							2.24	4.7	3.1
44015	BRONTE RD/WOBURN CRES OAKVILLE	357						3.45			
46117	MEADOW PK, APPLE LANE CLUB MISSISSAUGA	354	1.41	1.54	1.67	1.86	2.26	3.27	1.82	6.3	2.9
	1133133A0dA	355	0.90	1.02	1.16	1.36	1.79	3.21	1.34	8.1	3.0

TABLE A-11 REACTIVE HYDROCARBON (RHC) STATISTICS (1992)

ONTARIO MINISTRY OF THE ENVIRONMENT AND ENERGY

YEAR - 1992	POLLUTANT - REA	CTIVE HY	DROCAR	RBONS				UNIT			
STATION NUMBER LOCATION		NO. OF DAYS	10	30	PERI 50	CENTILES 70	90	99	ARITH- METIC MEAN	MAX1	24HR
29000 ELGIN/KELLY ST HAMILTON		212	0.02	0.10	0.14	0.17					

TABLE A-12 NITROGEN DIOXIDE (NO₂) STATISTICS (1992)

YEAR .	1992	POLLUTANT - NITI	ROGEN DI	OXIDE					UNIT -	PARTS/M	ILLION				
NUMBER			NO. OF DAYS	10	30	PERO 50	ENTILE 70	S 90	99	ARITH- METIC MEAN	HAX 1HR	IHUH 24HR		TIMES CRITERIA 24HR	
12008	467 UNIVERSITY AV WINDSOR	н	362	.006	.014	.019	.025	026	054	025	00	0.5			
14064	CENTENNIAL PK, FRON	T ST/CN TRACKS			.014		.025	.036	.054	.025	.08	.05	0	0	
15001	WRN FAIR GROUNDS.	KING/RECTORY	366	.002	.007	.012	.019	.032	.049	.020	.07	.05	0	0	
15013	PUC BLDG PARKHILL		366	.001	.006	.011	.018	.029	.048	.018	.09	.05	0	0	
22071	EXPERIMENTAL FARM SINCOE		359	.000	.000	.002	.007	.015	.030	.008	.07	.03	0	0	
22086	CHEAPSIDE RD(3 KM NANTICOKE	S OF HWY 3)	365	.000	.002	.005	.008	.014	.027	.010	.05	.03	0	0	
22901	PROVINCIAL PARK		359	.001	.004	.007	.010	.017	.028	.013	.05	.03	0	0	
26060	LONG POINT WEST AVE/HOMEWOOD		358	.000	.000	.000	.005	.011	.027	.006	.05	.03	0	0	
27067	ARGYLE CRES (PUMP	STN)	356	.000	.004	.008	.014	.025	.041	.015	.06	.04	0	0	
29000	ST CATHARINES ELGIN/KELLY ST		357	.000	.002	.006	.011	.020	.037	.012	.07	. 04	0	0	
29102	HAMILTON 467 BEACH BLVD		366	.001	.007	.013	.019	.029	.045	.019	.07	.05	0	0	
29114	HAHILTON VICKERS RD/EAST 18	TH ST	347	.000	.007	.014	.022	.032	.048	.020	.08	.04	0	0	
29118	HAMILTON MAIN ST W/HWY403		321	.000	.005	.009	.016	.027	.048	.017	.09	.05	0	0	
31049	HAMILTON MISSION, 381 YONGE	72	360	.001	.006	.011	.019	.030	.048	.018	.08	.05	0	0	
	TORONTO	31	356	.008	.017	.025	.033	. 046	.068	.031	.11	.08	0	0	
31103	BAY/GROSVENOR TORONTO		361	.007	.015	.021	.027	.038	.056	.027	.11	.07	0	0	
31120	PERTH/RUSKIN(JUNCT TORONTO		356	.007	.015	.021	.028	.038	.058	.027	.10	.06	0	0	
31190	CN TOWER, 301 FROM TORONTO		362	.000	.000	.000	.005	.013	.029	.006	.10	.02	0	0	
32010	EAST YORK	ION	359	.004	.013	.020	.028	.039	.063	.027	.16	.08	0	0	
33003	LAWRENCE/KENNEDY SCARBORO		365	.000	.006	.013	.019	.029	.050	.019	.09	.06	0	0	
34002	SC CTR. 770 DON MIN NORTH YORK	LLS RD	62	.007	.016	.022	.028	.036	.048	.027	.08	.05	0	0	
34020	HENDON AVE (YONGE/I	FINCH)	366	.002	.009	.017	.026	.039	.059	.024	.09	.06	0	0	
34025	35 EDGAR AVE NORTH YORK WEST		353										0	0	
35003	ELMCREST RD (CENTER ETOBICOKE	NNIAL PK)		.003	.010	.020	.028	.038	.057	.025	.11	.07			
			366	.005	.013	.020	.027	.038	.057	.026	.12	.06	0	0	

TABLE A-12 (cont.) NITROGEN DIOXIDE (NO2) STATISTICS (1992)

ONTARIO MINISTRY OF THE ENVIRONMENT AND ENERGY

EAR -	1992	POLLUTANT - NITE	ROGEN DI	DXIDE					UNIT -	PARTS/MI ARITH-				TIMES
	LOCATION		NO. OF DAYS		30		70		99	MEAN	1HR	MUM 24HR	ABOVE (RITERIA 24HR
				***	.013	030	.025	025	220	.025	.10	.06	0	0
36030	CLEARVIEW HTGS/KEEL	E ST	364	.005										
14008	HWY2/NORTH SHORE BL	.VD E	365	.005	.014	.020	.028	.039	.059	.027	.11	.07	0	0
14015	BURLINGTON BRONTE RD/WOBURN CR	LES	346	.003	.009	.015	.022	.034	. 053	.022	.09	.05	0	0
45005	DAKVILLE PS. RITSON RD/OLIVE	: AV	302	.000	.004	.009	.016	.025	.038	.016	.09	.04	0	0
45025	OSHAHA		366	.000	.006	.012	.019	. 030	.051	.018	.09	.05	0	0
46110	QUEENSWAY W/HURONTA MISSISSAUGA	RIO ST	366	.004	.011	.016	.022	. 033	.049	.023	.10	.06	0	0
48002	HWY47/E OF HWY48 STOUFFVILLE		356	001	.005	.008	.012	.022	038	.015	.07	.04	0	0
51001	MCD GDS, RIDEAU/WUR	RTEMBURG ST								.017	.11	.05	0	0
56051	MEMORIAL PK BEDFORD	THIRD	366	.000	.005	.010	.017	.028	.045					
63200	HTC 615 JAMES ST S		366	.000	.000	.003	.008	.019	.041	.010	.08	. 04	0	0
71068	THUNDER BAY	001	345	.000	.000	.005	.010	.020	.039	.011	.08	.04	0	0
	SAULT STE MARIE		333	.000	.000	.005	.010	.021	.037	.011	.07	.03	0	0
75010	OPP STN NORTH BAY		121	.000	.000	.004	.010	. 025	.043	.012	.08	.03	0	0
77203	SCIENCE NORTH SUDBURY				.000	.003	.007	.016	.036	.009	.08	.03	0	0

TABLE A-13 NITRIC OXIDE (NO) STATISTICS (1992)

YEAR -					DEDC	TAITYLE		UNII =	PARTS/MILLION ARITH- METIC	MAXI	ми
TATION NUMBER	LOCATION	NO. OF DAYS	10	30	50	70	90	99	HEAN	1HR	24HF
	467 UNIVERSITY AV W WINDSOR	362	.000	.003	.007	.012	. 034	.129	.018	0.49	0.14
14064	CENTENNIAL PK, FRONT ST/CN TRACKS SARNIA	366	.000	.000	000	.003	.014	.061	.007	0.23	0.07
15001	WRN FAIR GROUNDS, KING/RECTORY LONDON	***		.000	002	.008	030	.114	.013	0.37	0.1
15013	PUC BLDG PARKHILL	366	.000				.000	.012	001	0.11	0.0
22071	EXPERIMENTAL FARM SIMCOE	359	.000	.000	.000	.000					
22086	CHEAPSIDE RD(3 KM S OF HWY 3) NANTICOKE	365	.000	.000	.000	.000	.005	.016	.002	0.07	0.0
22901	PROVINCIAL PARK	359	.000	.000	.000	.002	.008	.018	.004	0.09	0.0
26060	LONG POINT WEST AVE/HOMEWOOD	349	.000	.000	.000	.000	.000	.014	.001	0.10	0.0
	KITCHENER	356	.000	.000	.000	.000	.011	.072	.006	0.22	0.0
27067	ARGYLE CRES (PUMP STN) ST CATHARINES	357	.000	.000	.000	.008	.029	.140	.014	0.54	0.2
29000	ELGIN/KELLY ST HAMILTON	366	.000	.000	.001	.009	024	.133	.015	0.32	0.1

TABLE A-13 (cont.) NITRIC OXIDE (NO) STATISTICS (1992)

YEAR -		POLLUTANT - NITR							UNIT -	PARTS/MILLION ARITH-		
STATION NUMBER			NO. OF DAYS	10	30	PERC 50	ENTILE 70	90	99	METIC MEAN	HAXII 1HR	MUH 24HR
	467 BEACH BLVD HAMILTON											
29114	VICKERS RD/EAST 18'	TH ST	347	.000	.000	.005	.018	.047	.112	.019	0.38	0.08
29118	MAIN ST W/HWY403 HAMILTON		321	.000	.000	.000	.004	.019	. 075	.008	0,21	0.06
31049	MISSION, 381 YONGE TORONTO	ST	363	.000	.000	.006	.018	.075	. 225	.028	0.50	0.18
	BAY/GROSVENOR TORONTO		356	.010	.025	.040	.065	.120	. 232	.060	0.39	0.20
	PERTH/RUSKIN(JUNCT)	ION TRIANGLE)	361	.000	.006	.012	.023	.051	.123	.025	0.24	0.10
31190	TORONTO CN TOWER, 301 FRONT	r st w	356	.000	.003	.008	.017	.048	.160	.023	0.62	0.15
32010	TORONTO LEASIDE HYDRO STATI	ION	362	.000	.000	.000	.000	.003	.033	.002	0.42	0.02
33003	EAST YORK LAWRENCE/KENNEDY		359	.000	.000	.007	.021	.063	.194	.026	0.45	0.15
34002	SCARBORO SC CTR, 770 DON HIL	LLS RD	365	.000	.000	.009	.021	.058	.166	.025	0.49	0.11
34020	NORTH YORK HENDON AVE (YONGE/F	FINCH)	62	.000	.000	.001	.010	.036	.115	.015	0.36	0.11
34025	NORTH YORK 35 EDGAR AVE		366	.000	.000	.006	.016	.052	.158	.021	0.43	0.17
35003	NORTH YORK WEST ELMCREST RD (CENTEN ETOBICOKE	NNIAL PK)	352	.003	.012	.023	.039	.098	. 246	.045	0.78	0.27
35033	EVANS/ARNOLD AV ETOBICOKE		366 .	.000	.000	.005	.019	.065	.202	.025	0.51	0.16
36030	CLEARVIEW HTGS/KEEL YORK	E ST	364	.001	.008	.018	.035	.083	.214	.038	0.65	0.17
44008	HWY2/NORTH SHORE BL BURLINGTON	_VD E	365	.000	.001	.007	.017	.067	.246	.027	0.65	0.19
44015	BRONTE RD/WOBURN CR OAKVILLE	RES	346	.000	.000	.002	.009	.036	.139	.016	0.51	0.10
45025	PS, RITSON RD/OLIVE OSHAWA	E AV	302	.000	.000	.000	.006	.031	.141	.013	0.33	0.12
46110	QUEENSWAY W/HURONTA MISSISSAUGA	VRIO ST	366	.000	.000	.002	.009	.030	.111	.014	0.37	0.14
48002	HWY47/E OF HWY48 STOUFFVILLE		366	.000	.000	.005	:015	.057	.191	.022	0.49	0.14
51001	MCD GDS, RIDEAU/WUR	RTEMBURG ST	356	.000	.000	.000	.002	.009	.042	.005	0.26	0.04
56051	MEMORIAL PK BEDFORD	D/THIRD	366	.000	.000	.000	.006	.024	.112	.011	0.34	0.08
63200	MTC 615 JAMES ST S THUNDER BAY		366	.000	.000	.000	.000	.014	.110	.008	0.70	0.09
71068	WM. MERRIFIELD SCHO	00L	343	.000	.000	.000	.007	.024	.112	.011	0.33	0.09
75010	OPP STN NORTH BAY			.000	.000	.000	.000	.011	.067	.006	0.25	0.07
77203	SCIENCE NORTH SUDBURY		121	.000	.000	.001	.006	.023	.107	.012	0.31	0.05
			351	.000	.000	.000	.000	.007	.054	.004	0.22	0.04

TABLE A-14 TOTAL NITROGEN OXIDES (NO_x) STATISTICS (1992)

YEAR -		- NITROGEN O						UNIT -	PARTS/MILL ARITH-		
STATIO	N LOCATION	NO. OF DAYS	10	30	PERC 50	70	90	99	METIC HEAN	1HR	MUM 24HR
12008	467 UNIVERSITY AV W										
14064	WINDSOR CENTENNIAL PK, FRONT ST/CN TRA	ACKS 362	.013	.023	.030	.041	.067	.166	.042	0.48	0.14
15001	SARNIA WRN FAIR GROUNDS, KING/RECTOR	366 RY	.002	.008	.015	.026	.049	.102	.026	0.28	0.09
15013	LONDON PUC BLDG	366	.004	.012	.020	.031	.061	.149	.034	0.42	0.16
22071	PARKHILL EXPERIMENTAL FARM	359	.000	.000	.000	.006	.016	.038	.008	0.13	0.04
	SIHCOE	365	.000	.003	.006	.009	.018	.038	.013	0.10	0.04
22086	CHEAPSIDE RD(3 KM S OF HWY 3: NANTICOKE	359	.001	.006	.010	.016	.023	. 045	.017	0.12	0.05
22901	PROVINCIAL PARK LONG POINT	357	.000	.000	.001	.006	.015	.035	.008	0.10	0.05
26060	WEST AVE/HOMEWOOD KITCHENER	356	.001	.005	.010	.018	.039	.108	.022	0.27	0.11
27067	ARGYLE CRES (PUMP STN) ST CATHARINES	357	.001	.006	.012	.022	.049	.165	.027	0.59	0.27
29000	ELGIN/KELLY ST HAMILTON										
29102	467 BEACH BLVD HAMILTON	366	.002	.010	.019	.032	,064	.173	.033	0.37	0.13
29114	VICKERS RD/EAST 18TH ST HAMILTON	347	.000	.009	.026	.046	.078	.148	.038	0.44	0.10
29118	MAIN ST W/HWY403 HAMILTON	321	.000	.006	.012	.022	.048	.114	.024	0.28	0.10
31049	MISSION, 381 YONGE ST TORONTO	363	.003	.012	.023	.044	.106	. 262	.047	0.54	0.21
31103	BAY/GROSVENOR TORONTO	356	.028	.051	.072	.102	.161	. 287	.091	0.48	0.23
31120	PERTH/RUSKIN(JUNCTION TRIANG	361 LE)	.014	.027	.039	.056	.089	.167	.052	0.30	0.16
31190	TORONTO CN TOWER, 301 FRONT ST W	355	.013	.023	.033	.048	.087	.213	.049	0.66	0.19
32010	TORONTO LEASIDE HYDRO STATION	362	.000	.000	.003	.008	.020	.062	.011	0.53	0.05
33003	EAST YORK LAWRENCE/KENNEDY	359	.006	.018	.032	.054	.105	. 245	.052	0.51	0.19
34002	SCARBORO SC CTR, 770 DON HILLS RD	365	.004	.016	.030	.048	.092	.210	.046	0.55	0.14
	NORTH YORK	62	.009	.018	.030	.044	.072	.160	.043	0.41	0.15
34020	HENDON AVE (YONGE/FINCH) NORTH YORK	366	.004	.013	.027	.047	.092	.200	.045	0.50	0.20
34025	35 EDGAR AVE NORTH YORK WEST	352	.013	.030	.047	.076	.135	.267	.069	0.77	0.27
35003	ELMCREST RD (CENTENNIAL PK) ETOBICOKE	366	.007	.018	.031	.052	.102	.246	.051	0.57	0.22
35033	EVANS/ARNOLD AV ETOBICOKE	364	.013	.028	.044	.065	.118	.267	.063	0.68	0.19
36030	CLEARVIEW HTGS/KEELE ST YORK	365	.012	.021	.032	.050	.105	.290	. 055	0.70	0.23
44008	HWY2/NORTH SHORE BLVD E BURLINGTON									0.55	0.13
44015	BRONTE RD/WOBURN CRES OAKVILLE	346	.003	.012	.020	.035	.069	.177	.036	0.38	0.15
45025	PS. RITSON RD/OLIVE AV OSHAWA	302	.000	.007	.015	.028	.061	.170	.030		
46110	QUEENSWAY W/HURONTARIO ST MISSISSAUGA	366	.002	.009	.019	.033	.063	.149	.033	0.43	0.17
		366	.006	.016	.026	.041	. 088	.226	.044	0.52	0.18

TABLE A-14 (cont.) TOTAL NITROGEN OXIDES (NO_x) STATISTICS (1992)

ONTARIO MINISTRY OF THE ENVIRONMENT AND ENERGY

YEAR -	1992	POLLUTANT - NIT	TROGEN OX	IDES					UNIT -	PARTS/MILLION ARITH-		
STATIO			NO. OF DAYS	10	30	PERO 50	ENTILE 70	S 90	99	METIC MEAN	MAXII 1HR	HUM 24HR
48002	HWY47/E OF HWY48 STOUFFVILLE		255									
51001	MCD GDS, RIDEAU/WUR	TEMBURG ST	356	.001	.006	.011	.017	.030	. 073	.019	0.25	0.06
56051	MEMORIAL PK BEDFORD	/THIRD	365	.001	.007	.014	.025	. 052	.153	.028	0.44	0.11
63200	MTC 615 JAMES ST S THUNDER BAY		366	.000	.002	.006	.012	.039	.142	.019	0.71	0.12
71068	WM. MERRIFIELD SCHO	OL	345	.000	.005	.011	.021	.048	.144	.025	0.37	0.13
75010	OPP STN NORTH BAY		333	.000	.001	.007	.016	.036	.100	.018	0.29	0.10
77203	SCIENCE NORTH		121	.000	.004	.009	.018	.051	.151	.024	0.37	0.08
	SUDBURY		360	.000	.001	.005	.009	. 024	. 094	.014	0.30	0.06

TABLE A-15 OZONE (O₃) STATISTICS (1992)

YEAR -	1992	POLLUTANT - OZONE						U	NIT =	PARTS/BI ARITH-	LLION		NO. OF TIMES	
STATIO NUMBER	LOCATION		NO. OF DAYS	10	PEI 30	RCENT: 50	ILES 70	90	99	METIC	MAXI 1HR		ABOVE CRITERIA 1HR	
12008	467 UNIVERSITY AV	W												
12016	COLLEGE/SOUTH ST WINDSOR			0.2	3.7	10.9	19.2	34.2	68.6	15.1	103	57	24	
13021	MOEE WATER PUMP ST MERLIN	N, HIDDLE RD	366	0.0	4.0	12.2	21.3	38.4	75.4	16.7	125	67	62	
14064	CENTENNIAL PK, FRON	T ST/CN TRACKS	366	4.8	14.9	22.9	29.9	43.4	68,3	24.3	92	71	26	
14118			366	1.6	10.7	19.6	27.8	39.7	67.4	21.3	96	56	16	
15001	WRN FAIR GROUNDS,	KING/RECTORY	359	5.3	14.2	21.9	29.0	40.6	70.7	23.5	108	64	46	
15009	LONDON LONGWOODS CONSERVA	TION	364	2.2	9.8	18.3	26.1	39.1	64.7	20.3	94	64	15	
15013	LONGWOODS PUC BLDG		363	5.3	16.9	25.1	32.7	45.0	70.6	26.2	99	70	45	
15020	PARKHILL WATER TREATMENT PL	ANT	359	5.0	15.6	24.5	32.2	44.5	75.1	25.7	111	74	51	
18007	GRAND BEND CONCESSION RD 2 LO TIVERTON		365	8.9	20.4	28.6	36.1	47.3	78.0	29.7	122	79	80	
	TIVERTON EXPERIMENTAL FARM		366 1	13.1	24.6	31.0	39.2	51.7	89.9	33.4	129	95	159	
	SIMCOE		356	7.7	17.6	24.7	30.9	42.0	67.4	25.7	106	84	25	
22901	PROVINCIAL PARK LONG POINT		345 1	10.4	21.9	29.4	37.6	55.9	89.1	32.3	133	103	179	
26045	WEBER/UNIVERSITY S WATERLOO	Т	198	0.7	9.6	16.6	23 2	33 1	58.3	18.0	82	56	1	
26060	WEST AVE/HOMEWOOD KITCHENER													
27056	ALLENDALE AV NIAGARA FALLS								65.2		99		16	
27067	ARGYLE CRES (PUMP : ST CATHARINES	STN)							71.2		110	77	34	
28028	EXHIBITION ST/CLAR	K ST	354	0.3	8.8	17.7	25.0	37.8	66.0	19.3	107	76	24	
			342	1.5	12.5	21.1	30.7	43.0	71.0	23.2	109	71	46	

TABLE A-15 (cont.) OZONE (03) STATISTICS (1992)

YEAR .	1992 POLLUTANT - OZONE					UI	NIT.=	PARTS/8	ILLION			
STATIO NUMBER	N LOCATION	NO. O	F 10	PERCENTI 30 50	LES 70	90	99	ARITH- METIC MEAN	MAXI 1HR	MUM 24HR	NO. OF TIMES ABOVE CRITERIA 1HR	
29000	ELGIN/KELLY ST HAMILTON											
29105		364	0.5	6.3 14.5	22.2	34.6	60.9	16.9	100	66	7	
29114	VICKERS RD/EAST 18TH ST HAMILTON	353	0.0	6.4 15.1	23.6	35.6	58.1	17.2	103	64	7	
29118	MAIN ST W/HWY403 HAMILTON	366		8.1 16.8					112	73	15	
31103	BAY/GROSVENOR TORONTO	364		4.9 14.2					109	69	11	
31120	PERTH/RUSKIN(JUNCTION TRIANGLE) TORONTO	354		3.0 9.1					79	42	0	
31190	CN TOWER, 301 FRONT ST W TORONTO	364		7.3 15.6					120	59	18	
32010	LEASIDE HYDRO STATION EAST YORK			24.1 31.5					139	96	163	
33003	LAWRENCE/KENNEDY SCARBORO	354		4.3 11.4					69	43	0	
34002	SC CTR, 770 DON HILLS RD NORTH YORK	357		4.9 11.7					85	47	4	
34020	HENDON AVE (YONGE/FINCH) NORTH YORK	62		3.1 8.5					35	28	0	
34025	35 EDGAR AVE NORTH YORK WEST	366		4.4 13.7					106	59	16	
35003	ELMCREST RD (CENTENNIAL PK) ETOBICOKE	363		3.1 10.4					99	53	4	
35033	EVANS/ARNOLD AV ETOBICOKE	366		3.5 12.2					113	50	10	
36030	CLEARVIEW HTGS/KEELE ST YORK	364		3.2 9.3					104	46	11	
44008	HWY2/NORTH SHORE BLVD E BURLINGTON	361		3.5 12.2					120	56	22	
44015	BRONTE RD/WOBURN CRES OAKVILLE	332		9.1 17.8 7.6 16.8					115	67	25	
45025	PS, RITSON RD/OLIVE AV OSHAWA	360		10.7 18.8					100	58	15	
46110	QUEENSWAY W/HURONTARIO ST HISSISSAUGA	366		5.3 12.5					107	53	12	
47035	509 VICTORIA ST E ALLISTON	355		13.5 22.3					93	55	19	
48002	HWY47/E OF HWY48 STOUFFVILLE	349		15.7 22.1					93	60	13	
49010	HWY 117/PAINT LAKE RD DORSET	363		22.5 29.1					108	74	47	
51001	MCD GDS, RIDEAU/WURTEMBURG ST OTTAWA	359		7.7 15.4					88	67	7	
52020	CHURCHILL PK, NAPIER ST KINGSTON	156		10.1 19.5					95	51	4	
56051	MEMORIAL PK BEDFORD/THIRD CORNWALL	366		11.5 18.8					101	76	31	
62068	FERNBERG RD ELY MINNESOTA			24.5 28.7					75	59	0	
63100	HAWKEYE LAKE			23.3 29.7					76	60	0	
63200	MTC 615 JAMES ST S THUNDER BAY	364		9.7 17.5					59	50	0	
71068	WH. MERRIFIELD SCHOOL SAULT STE MARIE	359		15.1 22.3					77	54	0	

TABLE A-15 (cont.) OZONE (O₃) STATISTICS (1992)

ONTARIO MINISTRY OF THE ENVIRONMENT AND ENERGY

YEAR - 1992	POLLUTANT - OZONE						UN	IT -	PARTS/BI	LLION		
STATION NUMBER LOCATION		NO. OF DAYS	10	PER 30	CENTIL 50	ES 70	90	99	ARITH- METIC MEAN	MAXI 1HR	MUH 24HR	NO. OF TIMES ABOVE CRITERIA 1HR
75010 OPP STN NORTH BAY		364										
77203 SCIENCE NORTH SUDBURY		364	5./	15.6	22.9 3	0.0	39.8	53.5	24.0	90	67	23
SUDBURT		360	8.8	17.3	23.8 3	0.8	41.0	57.9	25.4	96	70	20

TABLE A-16 TOTAL SUSPENDED PARTICULATE (TSP) STATISTICS (1992)

YEAR	- 1992 POLLUTANT - SUSPENDED P	ARTICULATE			- 1	UNIT -	HICRO	GRAMS/	CU. HET	RE		NO OF T	THEC
STATION NUMBER	LOCATION	NO OF SAMPLES	10	30	PEI 50	RCENTI 70	LES 90	99	HAX	ARITH HEAN	GEOH MEAN	ABOVE C	
11001	309 THOMAS ST ST MARYS												
12005	7730 RIVERSIDE DR E WINDSOR	50	19	24	29	40	64	142	204	38	31	1	0
12006	BEACH LANE/HWY 18 LA SALLE	58	20	24	34	37	53	97	104	34	31	0	0
12007	WRIGHT/WATER ST WINDSOR	53	26	34	39	49	61	119	140	44	41	1	0
12008	467 UNIVERSITY AV W WINDSOR	53	28	37	45	55	65	114	138	48	44	1	0
12009	9725 RIVERSIDE DR E LITTLE RIVER	55	25	33	42	49	62	103	144	44	41	1	0
12011	DROUILLARD RD/RICHMOND ST WINDSOR	58	21	25	30	35	49	89	90	34	31	0	0
12013	FILTRAT PLT.3665 WYANDOTTE ST E WINDSOR	57	32	42	47	58	84	143	188	54	50	1	0
12015	SEWAGE STN. HWY 18/PROSPECT WINDSOR	52	33	43	52	82	111	134	135	66	59	5	0
12016	COLLEGE/SOUTH ST WINDSOR	58	40	47	61	80	100	166	194	68	63	4	1
12036	1802 GEORGE AV WINDSOR	56	29	36	43	54	77	117	139	49	46	1	0
12037	3225 CALIFORNIA ST WINDSOR	56	26	31	39	46	63	93	108	43	40	0	0
12038	2885 HOWARD AV WINDSOR	55	23	29	36	41	60	103	126	40	36	1	0
12039	DOUGLAS ST/E.C. ROW W WINDSOR	59	35	48	64	77	105	185	251	69	62	4	1
12047	DORWIN PLAZA, DOUGALL AV WINDSOR	57	29	40	46	54	69	104	113	49	46	0	0
12049	643 ALEXANDRINE WINDSOR	58	25	32	39	48	72	129	140	45	41	2	0
12053	415 FRONT ST AMHERSTBURG	59	26	34	42	54	65	102	133	45	42	1	0
12054	227 TEXAS ROAD AMHERSTBURG	58	21	28	33	38	51	89	91	35	33	0	0
12055	DUFF ST (E END) AMHERSTBURG	60	22	29	36	46	69	151	153	43	38	3	0
14001	GENERAL HOSPITAL, 220 HITTON ST SARNIA	64	21	29	34	39	53	86	102	36	33	0	0
14016	HWY40 (OPP LAMBTON GS) COURTRIGHT	54	17	23	30	38	48	103	121	34	31	1	0
14030	RR1 (W OF HOUSE) CORUNNA	57	17	22	28	33	46	96	99	-32	28	0	0
	CURUNNA	52	16	22	27	32	42	73	98	29	26	0	0

TABLE A-16 (cont.) TOTAL SUSPENDED PARTICULATE (TSP) STATISTICS (1992)

YEAR	- 1992 POLLUTANT - SUSPENDED PA	RTICULATE			L	NIT -	H1CR0	GRAMS/	CU, KET	RE		NO OF T	IMES
TATION NUMBER	LOCATION	NO OF SAMPLES	5 10	30	PER 50	CENTIL 70	ES 90	99	MAX	ARITH MEAN	GEOH MEAN	ABOVE CI 24-HR	RITERI
14031	RR1 (W OF BARN) HOORETOWN												
14059	ST CLAIR BLVD/HWY 40 CORUNNA	53	18	24	28	37	62	146	229	37	29	1	0
14064	CENTENNIAL PK, FRONT ST/CN TRACKS SARNIA	52	19	24	30	39	48	99	106	34	29	0	0
14151	DAVID/FRONT ST SARNIA	55	20	26	33	38	51	62	63	33	31	0	0
14152	CHRISTINA/EXMOUTH ST SARNIA	53	17	28	36	46	63	159	228	43	35	1	0
15001	WRN FAIR GROUNDS, KING/RECTORY LONDON	60	23	32	37	45	69	129	169	43	38	1	0
15008	EDGEWARE RD (NNW VARTA PLT) ST THOMAS	59	25	31	45	59	85	132	148	50	43	2	0
15009	LONGWOODS CONSERVATION LONGWOODS	58	21	25	30	37	59	119	134	36	32	1	0
5014	POND MILLS RD/DEVERON CRES	58	14	19	23	29	38	88	89	26	23	0	0
15015	951 COMMISSIONERS RD E LONDON	60	21	28	34	48	61	96	101	40	35	0	0
5016	801 COMMISSIONERS RD E LONDON	59	15	22	26	34	45	73	83	30	27	0	0
5017	8 MOUNTSFIELD DR LONDON	55	15	21	26	38	52	86	112	31	27	0	0
7014	CYANAMIDE RD (GORDON PROP) BEACHVILLE	58	19	25	29	41	64	90	96	36	32	0	0
7015	26 VINE ST (MOEE TRAILER) BEACHVILLE	58	24	28	33	43	68	219	231	45	37	2	0
7020	HWY 2 RR 2 (J SPRIEL PROP) INGERSOLL	57	21	27	38	49	68	102	124	41	36	1	0
7021	OXFORD CTY RD 6 (HESSTON FARM)	60	27	33	44	62	96	145	156	54	47	3	0
7023	423 DEVONSHIRE AVE (LODGE) WOODSTOCK	60	23	28	39	53	75	139	148	46	39	3	0
7024	VANSITTART AVE (LYON'S POOL) WOODSTOCK	60	17	24	31	40	54	103	107	35	31	0	0
17025	ADMIRAL ST (SEWAGE PLANT) WOODSTOCK	57	21	28	32	41	49	109	116	37	33	0	0
22090	ST GEORGE/ALMA PORT DOVER	59	19	23	29	37	59	131	136	34	29	2	0
2092	RAINHAM RD/SANDUSK RD JARVIS	9	20	24	26	34	54	71	73	34	30	0	INS
2904	WALPOLE S PS, SANDUSK RD NANTICOKE	50	17	23	29	35	61	89	110	34	30	0	0
22907	RAINHAM RD (NEAR STELCO GATE)	46	16	20	23	31	44	75	82	28	26	0	0
22961	NANTICOKE RD/WALPOLE CON 2 NANTICOKE	54	24	35	42	55	78	114	137	48	43	1	0
2964	N 2 KM NANTICOKE GS NANTICOKE	54	19	24	31	42	60	91	104	37	33	0	0
27008	71 KING ST ST CATHARINES	46	15	21	25	34	48	116	121	32	27	1	0
27045	337 ALBERTA/DEVON ST WELLAND	53	26	31	40	48	62	103	111	43	40	0	0
27047	DAVIS/FRAZER PORT COLBORNE	52	25	28	34	45	55	64	69	37	35	0	0
27050	4057 VICTORIA AV NIAGARA FALLS	54	25	33	39	48	71	114	119	46	41	0	0
	HICKORY FALCS	58	30	34	41	49	68	136	154	47	43	2	0

TABLE A-16 (cont.) TOTAL SUSPENDED PARTICULATE (TSP) STATISTICS (1992)

	- 1992 POLLUTANT - SUSPENDED							GRAHS/	CU. METI			NO OF T	IMES
TATION JMBER	LOCATION	NO OF SAMPLES	10	30	50	RCENTI 70	90	99	MAX	ARITH MEAN	GEOH MEAN	ABOVE C	RITER
27051	HOLY T CHURCH, NORTON/PORTAGE												
27052	185 QUEEN ST S THOROLD	40	27	37	44	54	82	105	118	49	43	0	INS
27055	STP GROUNDS, STANLEY AV NIAGARA FALLS	38	41	56	64	74	90	136	145	66	61	2	INS
27056	ALLENDALE AV NIAGARA FALLS	54	44	56	71	. 103	180	258	285	92	78	12	1
8027	HANLON EXPWY/SPEED RIVER GUELPH	56	24	29	32	40	60	82	86	38	35	0	0
9000	ELGIN/KELLY ST HAMILTON	79	26	36	45	58	94	144	180	53	47	3	0
9009	KENILWORTH HAMILTON	58	35	42	58	77	99	202	209	66	59	4	0
9011	BURLINGTON/LEEDS HAMILTON	57	30	42	50	60	78	127	152	54	50	1	0
9012	BURLINGTON/WELLINGTON HAMILTON	59	49	65	82	100	125	245	285	89	81	7	1
9017	CHATHAM/FRID HAMILTON	44	28	39	44	51	73	117	126	48	45	1	0
9025	BARTON/WENTWORTH	50	37	48	60	88	145	239	248	80	69	9	1
9067	450 HUGHSON ST N HAMILTON	53	41	50	58	76	95	144	161	66	62	2	1
9087	405 CUMBERLAND AV	45	28	35	43	52	72	115	115	48	44	0	0
9098	BAY/MAIN ST HAMILTON	56	25	30	42	52	67	122	141	45	41	1	0
9102	467 BEACH BLVD HAMILTON	56	26	34	45	55	82	134	159	51	45	1	0
9105	NASH RD/KENTLEY DR HAMILTON	60	27	39	56	69	98	137	171	60	52	1	0
9111	OFIELD RD/HWY 5	55	26	29	38	42	62	121	142	42	38	1	0
9112	HARVEST RD/WESITE GREENSVILLE	59	34	40	57	79	150	279	470	79	63	12	1
9113	GERTRUDE/DEPEW HAMILTON	57	17	23	28	33	49	108	125	33	29	1	0
9114	VICKERS RD/EAST 18TH ST	57	39	57	70	90	106	280	335	80	71	4	1
9118	HAMILTON MAIN ST W/HWY403 HAMILTON	58	21	27	37	46	60	108	126	41	37	1	0
9119	MORLEY ST/PARKDALE AV	58	26	33	41	55	77	120	128	48	44	1	0
9122	HAHILTON DUNDURN/YORK	60	39	50	63	79	95	203	210	69	63	4	1
9124	HAMILTON BUCHANAN PARK PS	56	24	30	36	43	59	128	167	41	37	1	0
9130	HAMILTON EWEN RD/WHITNEY AV	55	24	31	41	50	70	136	143	46	41	2	0
9135	HAMILTON ALBRIGHT RD/MT ALBION RD	56	19	23	29	35	46	72	94	32	29	0	0
1045	BRUCE PS. 51 LARCHMOUNT AV	58	22	26	31	43	54	111	122	37	33	1	0
1058	TORONTO MOSLEY/LESLIE STS	335	20	31	41	52	73	117	190	45	40	2	0
1065	TORONTO 633 EASTERN AV	251	24	35	46	61	94	145	210	53	45	8	0
	TORONTO	319	29	40	51	71	110	252	3200	74	55	22	0

TABLE A-16 (cont.) TOTAL SUSPENDED PARTICULATE (TSP) STATISTICS (1992)

NOITATE	- 1992 POLLUTANT - SUSPENDED P	NO OF				UNIT - RCENTII				ARITH	GEOH	NO OF T	IHES
NUMBER	LOCATION	SAMPLE	S 10	30	50	70	90	99	MAX	MEAN	HEAN	ABOVE C 24-HR	1-YR
31082	WORKS DEPT, 138 HAMILTON AV TORONTO												
31085	TECUMSETH/NIAGARA ST TORONTO	327	24	36	47	60	82	114	166	51	45	3	0
31103	BAY/GROSVENOR TORONTO	73	28	40	51	61	83	125	147	54	49	1	0
31120	PERTH/RUSKIN(JUNCTION TRIANGLE) TORONTO	352	25	35	42	51	78	143	165	47	43	7	0
1183	FORT YORK TORONTO	56	17	29	34	42	56	94	105	37	34	0	0
2010	LEASIDE HYDRO STATION EAST YORK	57	31	40	52	63	106	206	207	62	54	5	0
3003	LAWRENCE/KENNEDY SCARBORO	55	22	30	36	48	77	113	159	43	37	1	0
4020	HENDON AVE (YONGE/FINCH) NORTH YORK	54	25	35	45	63	102	150	153	56	48	4	0
4025	35 EDGAR AVE NORTH YORK WEST	58	23	31	37	51	80	103	106	46	41	0	0
5003	ELMCREST RD (CENTENNIAL PK) ETOBICOKE	58	25	32	41	48	89	116	124	48	42	1	0
5013	WHITLAM AVE (WHITLAM TANK) ETOBICOKE	59	23	30	36	43	60	108	112	40	36	0	0
5033	EVANS/ARNOLD AV ETOBICOKE	50	21	32	39	45	64	104	130	42	38	1	0
5030	CLEARVIEW HTGS/KEELE ST YORK	60	32	39	51	60	79	113	115	54	50	0	0
4005	2487 LAKESHORE E/BIRKBANK RDS OAKVILLE	53	23	30	37	45	64	128	147	44	40	1	0
4008	HWY2/NORTH SHORE BLVD E BURLINGTON	170	14	26	32	47	72	112	123	39	33	1	0
4015	BRONTE RD/WOBURN CRES OAKVILLE	52	21	28	33	41	59	158	310	41	34	1	0
5001	FIRE HALL, BAYLY/BROCK PICKERING	57	22	30	37	49	69	82	84	41	37	0	0
5007	AJAX-PICKERING HOSP AJAX	299	21	37	54	88	165	258	753	76	56	52	0
5025	PS, RITSON RD/OLIVE AV	219	18	27	34	40	58	77	82	36	32	0	0
6033	FIRE HALL, BRAMALEA RD BRAMALEA	58	23	30	38	44	57	118	127	41	37	1	0
6045	2365 DIXIE RD MISSISSAUGA	51	19	26	42	63	95	341	592	59	41	3	0
6046	2360 DIXIE RD MISSISSAUGA	329	23	32	41	55	82	123	155	47	42	4	0
6110	QUEENSWAY W/HURONTARIO ST MISSISSAUGA	331	23	32	39	51	82	138	184	46	40	8	0
8002	HWY47/E OF HWY48 STOUFFVILLE	55	26	31	40	48	59	90	92	42	40	0	0
9011	HWY 117/BELLWOOD ACRES DORSET	55	15	21	27	33	50	72	74	30	26	0	0
2032	CEMETERY, COLONIZATION RD W FORT FRANCES	60	4	6	9	15	22	79	95	14	10	0	0
2035	LEGION BLDG. 250 CHURCH ST FORT FRANCES	60	9	15	21	30	43	59	64	24	20	0	0
3046	CAN-CAR, MONTREAL ST THUNDER BAY	59	11	23	40	53	75	115	127	42	33	1	0
3200	MTC 615 JAMES ST S THUNDER BAY	58	17	25	32	51	83	107	109	43	35	0	0
		58	16	25	29	36	61	126	128	36	30	2	0

TABLE A-16 (cont.) TOTAL SUSPENDED PARTICULATE (TSP) STATISTICS (1992)

ONTARIO MINISTRY OF THE ENVIRONMENT AND ENERGY

YEAR	- 1992 POLLUTANT - SUSPENDED	PARTICULATE			ı	INIT -	HICRO	GRAMS/	CU. MET	RE			
STATION NUMBER	LOCATION	NO OF SAMPLES	10	30		CENTII 70	LES 90	99	MAX	ARITH MEAN	GEOM MEAN	NO OF T ABOVE C 24-HR	RITERI
63400	5 KINGSWAY ST SCHREIBER												
63401	101 MANITOBA ST SCHREIBER	59	15	19	27	41	77	113	145	37	30	1	0
71042	PUMPHOUSE, BONNEY ST SAULT STE MARIE	59	10	13	18	25	41	68	72	22	18	0	0
71049	LAND OFFICE, QUEEN ST SAULT STE MARIE	346	15	. 31	53	85	131	234	355	66	48	45	0
71068	WM. MERRIFIELD SCHOOL SAULT STE MARIE	59	16	21	26	33	48	88	105	31	27	0	0
72083	TREMBLEY ST (E OF QUIRION)	115	14	20	27	36	69	96	114	34	28	0	0
75046	10169 LAKESHORE RD	114	10	19	30	48	109	189	192	47	31	10	0
77026	NEW LISKEARD 19 LISGAR ST	115	9	. 13	17	27	39	91	125	23	18	1	0
77029	SUDBURY POST OFFICE, SPRUCE/BARBER ST	58	14	24	28	35	57	90	90	34	29	0	0
77070	ESPANOLA PUMPHOUSE NICKEL ST.	60	22	27	35	51	68	120	124	43	38	1	0
	COPPER CLIFF	56	13	22	25	37	50	90	101	32	27	0	0

TABLE A-17 INHALABLE PARTICULATE (IP) STATISTICS (1992)

YEAR	- 1992	POLLUTANT - PM10				- 1	JNIT -	MICRO	RAMS/	CU.MET	RE	
TATION WHBER	LOCA	TION	NO OF SAMPLE		30		RCENTII 70		99	MAX	ARITH HEAN	GEON
12056	PM-10 1400 WINDSOR	ROSELAWN DRIVE		-								
12057	PM-10 6200 WINDSOR	EDGARD STREET	50	12	15	19	20	28	42	56	19	18
12507	PM-10 WRIGH WINDSOR	T/WATER ST	59	11	15	18	21	32	50	51	20	19
2508	PM-10 467 U WINDSOR	NIVERSITY AVE W	50	13	19	23	25	31	51	54	23	22
12513		WYNDOTTE ST E	61	14	17	19	26	36	56	60	22	21
5516		OMMISSIONER RD E	52	13	18	23	33	61	75	85	29	25
2304		LE PS. SANDUSK RD	53	10	13	15	18	32	52	54	18	16
7308	PM-10 71 KI ST CATHARIN		30	9	12	13	18	34	60	60	18	15
7352	PM-10 185 Q TH080LD		56	12	16	20	24	32	57	58	23	20
9300	PM-10 ELGIN HAMILTON	KELLY ST	38	15	23	26	30	40	59	60	28	26
9302	PM-10 467 B	EACH BLVD	57	16	20	26	34	44	74	80	29	26
9313	PM-10 GERTRI	UDE/DEPEW	54	10	17	22	32	42	61	71	25	22
9324	PM-10 BUCHAI HAMILTON	NAN PARK PS	56	17	25	31	41	54	98	110	35	32
1127	PM-10 BAY/G	ROSVENOR ST	39	12	16	20	29	42	71	72	25	22
	TORONTO		66	13	16	20	24	36	55	74	23	21

YEAR	- 1992 POLLUTANT - PHIO				l	JNIT -	HICRO	GRAMS/	CU.MET	RE	
STATION NUMBER	LOCATION	NO OF SAMPLE	S 10	30	PEF 50	70	ES 90	99	MAX	ARITH MEAN	GEOH
33127	PM-10 LAWRENCE/KENNEDY SCARBOROUGH	-									
35127	PM-10 EVANS/ARNOLD ETOBICOKE	57	11	17	20	26	40	70	72	24	21
44127	PM-10 BRONTE RD/WOBURN CR OAKVILLE	83	12	17	22	25	35		57	23	21
56051	PM-10 MEMORIAL PK BEDFORD/THIRD CORNWALL	52	11	15	18	24	36	55	60	22	19
62135	PM-10 LEGION 250 CHURCH FORT FRANCES	41	12	17	18	25	35	48	55	22	20
63201	PM-10 615 JAMES ST S THUNDER BAY	29	9	14	18	25	30	39	40	20	18
71342	PH-10 BONNEY ST SAULT STE MARIE	60	7	11	13	18	23	52	53	15	13
71368	PM-10 WM MERRIFIELD S SAULT STE MARIE	50	10	23	33	51	72	189	210	42	31
77326	PM-10 19 LISGAR ST SUDBURY	60	10	14	17	23	33	51	52	20	18
	SUBSICI	59	9	11	13	18	27	46	47	17	15
	POLLUTANT - COPPER - PHIO				U	NIT -	.001	MICROG	RAMS/C	U. METRE	
12056	PM-10 1400 ROSELAWN DRIVE WINDSOR										
12057	PM-10 6200 EDGARD STREET WINDSOR	50	2	2	6	7	13	21	21	6	5
12507	PM-10 WRIGHT/WATER ST WINDSOR	59	2	2	7	10	13	18	19	7	5
12508	PM-10 467 UNIVERSITY AVE W WINDSOR	50	2	6	8	11	15	25	25	9	7
12513	PM-10 3665 WYNDOTTE ST E WINDSOR	61	2	5	7	9	13	30	44	8	6
15516	PM-10 801 COMMISSIONER RD E	52	2	7	8	12	22	39	50	11	8
22304	PM-10 WALPOLE PS, SANDUSK RD NANTICOKE	53	2	2	2	6	9	13	15	5	4
27308	PM-10 71 KING STREET ST CATHARINES	30	2	2	2	3	7	9	9	4	3
27352	PM-10 185 QUEEN ST S THOROLD	56	2	8	12	15	18	21	22	11	10
29300	PM-10 ELGIN/KELLY ST HAMILTON	38	2	10	13	23	36	46	48	18	13
29302	PH-10 467 BEACH BLVD HAMILTON	57	10	16	20	24	31	38	41	20	18
29313	PM-10 GERTRUDE/DEPEW HAMILTON	54	2	8	11	15	23	29	31	12	9
29324	PM-10 BUCHANAN PARK PS HAMILTON	56	7	10	17	27	40	76	84	22	17
31127	PM-10 BAY/GROSVENOR ST TORONTO	40	5	10	12	20	34	43	45	16	13
33127	PM-10 LAWRENCE/KENNEDY SCARBOROUGH	66	9	14	20	26	37	85	120	23	19
35127	PM-10 EVANS/ARNOLD ETOBICOKE	57	8	15	17	20	28	45	63	18	16
44127	PM-10 BRONTE RD/WOBURN CR OAKVILLE	83	2	6	8	12	17	23	23	9 '	7
56051	PM-10 MEMORIAL PK BEDFORD/THIRD	52	2	10	13	19	29	51	72	16	12
	CORNWALL	41	2	2	7	10	13	18	19	7	5

	- 1992 POLLUTANT - COPPER - PHO							.001	- LECKUGI	RAMS/CU	
STATION NUMBER	LOCATION	NO OF SAMPLE	S 10	30	50	RCENTI 70	90	99	MAX	ARITH MEAN	GEOM
62135	PM-10 LEGION 250 CHURCH FORT FRANCES										
63201	PM-10 615 JAMES ST S THUNDER BAY	29	2	2	2	7	8	13	13	5	4
71342	PH-10 BONNEY ST SAULT STE MARIE	60	2	2	5	7	11	22	24	6	5
71368	PM-10 WM MERRIFIELD S SAULT STE MARIE	50	2	5	8	12	26	55	94	11	7
77326	PM-10 19 LISGAR ST SURBURY	60	7	12	19	25	30	52	53	19	16
	3000001	59	8	12	20	32	78	198	290	35	22
	POLLUTANT - IRON - PHIO			UI	NIT -	.01 M	ICROGR	AHS/CU	METRE		
12056	PM-10 1400 ROSELAWN DRIVE WINDSOR										
12057	PM-10 6200 EDGARD STREET WINDSOR	50	14	25	31	41	64	96	97	36	30
12507	PM-10 WRIGHT/WATER ST WINDSOR	59	9	18	33	40	69	122	140	37	27
12508	PM-10 467 UNIVERSITY AVE W WINDSOR	50	13	35	60	98	170	232	280	78	55
12513	PH-10 3665 WYNDOTTE ST E WINDSOR	61	13	25	41	60	92	140	140	47	37
15516	PM-10 801 COMMISSIONER RD E LONDON	52	13	34	58	93	296	779	810	115	58
22304	PM-10 WALPOLE PS, SANDUSK RD NANTICOKE	53	5	9	14	20	36	60	66	18	13
27308	PM-10 71 KING STREET ST CATHARINES	30	4	10	14	22	34	59	62	18	13
27352	PM-10 185 QUEEN ST S	56	10	16	24	47	59	77	81	32	25
29300	THOROLD PM-10 ELGIN/KELLY ST HAMILTON	38	14	31	53	69	110	174	190	58	44
29302	PM-10 467 BEACH BLVD	57	22	38	59	110	260	369	380	100	65
29313	HAMILTON PM-10 GERTRUDE/DEPEW	54	7	22	70	140	247	364	380	103	52
29324	PM-10 BUCHANAN PARK PS	56	44	110	175	305	513	1118	1400	256	167
31127	PH-10 BAY/GROSVENOR ST	40	13	26	42	62	175	336	340	77	45
33127	TORONTO PH-10 LAWRENCE/KENNEDY	66	19	28	33	46	79	92	92	42	36
35127	SCARBOROUGH PM-10 EVANS/ARNOLD	57	11	23	35	45	68	104	110	39	31
44127	ETOBICOKE PM-10 BRONTE RD/HOBURN CR	83	16	26	37	50	66	90	100	39	34
56051	PM-10 HEMORIAL PK BEDFORD/THIRD	52	8	15	25	34	58	81	88	29	22
62135	CORNWALL PH-10_LEGION 250 CHURCH	41	9	14	21	29	37	45	45	23	20
63201	PM-10 615 JAMES ST S	29	7	19	30	46	58	70	72	33	26
71342	THUNDER BAY PM-10 BONNEY ST	60	7	22	31	52	100	250	250	51	32
71368	SAULT STE MARIE PM-10 WM HERRIFIELD S	50	19	63	150	320	1300	2750	2800	486	153
	SAULT STE HARIE	60	7	14	26	46	102	307	350	50	26

YEAR	- 1992 POLLUTANT - IRON - PM10					UNIT	0	1 MICE	OGRAMS	/CU.METE	RE
STATION NUMBER	LOCATION	NO OF SAMPLE		30	PE 50	RCENTI 70	LES 90	99	нах	ARITH MEAN	GEOH MEAN
77326	PM-10 19 LISGAR ST SUDBURY	59	9	16	26	38	70	110	140	35	26
	POLLUTANT - MANGANESE - PHLO				1	UNIT -	.001	MICROG	RAMS/C	U.METRE	
12056	PM-10 1400 ROSELAWN DRIVE WINDSOR										
12057	PM-10 6200 EDGARD STREET WINDSOR	50	4	7	10	12	17	31	43	10	8
12507	PM-10 WRIGHT/WATER ST WINDSOR	59	2	6	10	13	21	50	71	12	8
12508	PH-10 467 UNIVERSITY AVE W	50	6	11	16	25	43	55	58	21	15
12513	WINDSOR PH-10-3665 WYNDOTTE ST E	61	4	7	13	17	26	37	37	14	11
15516	WINDSOR PH-10 801 COMMISSIONER RD E	52	3	8	18	35	168	439	590	58	19
22304	LONDON PH-10 WALPOLE PS, SANDUSK RD	53	1	4	6	8	13	24	28	7	5
27308	NANTICOKE PH-10 71 KING STREET	30	1	3	4	6	10	17	19	5	4
27352	ST CATHARINES PH-10 185 QUEEN ST S	56	3	8	11	17	24	35	45	13	10
	THOROLD	38	6	14	21	28	40	111	130	25	19
29300	PM-10 ELGIN/KELLY ST HAMILTON	57	14	21	30	74	114	190	220	52	35
29302	PM-10 467 BEACH BLVD HAMILTON	54	3	9	35	55	106	149	160	43	21
29313	PH-10 GERTRUDE/DEPEW HAMILTON	56	20	46	72	110	230	370	410	100	70
29324	PM-10 BUCHANAN PARK PS HAMILTON										
31127	PM-10 BAY/GROSVENOR ST TORONTO	40	6	10	19	28	66	112	120	29	18
33127	PM-10 LAWRENCE/KENNEDY SCARBOROUGH	66	7	11	15	21	30	35	36	17	15
35127	PM-10 EVANS/ARNOLD ETOBICOKE	57	4	12	16	22	29	38	39	17	13
44127	PM-10 BRONTE RD/WOBURN CR OAKVILLE	83	9	14	21	26	31	37	37	20	18
56051	PM-10 MEMORIAL PK BEDFORD/THIRD CORNWALL	52	1	5	9	14	23	32	32	11	7
62135	PM-10 LEGION 250 CHURCH	41	4	6	7	10	13	17	17	8	7
63201	FORT FRANCES PH-10 615 JAMES ST S	29	2	4	6	10	13	15	15	7	6
71342	THUNDER BAY PM-10 BONNEY ST	60	3	6	10	14	27	56	62	13	9
71368	SAULT STE MARIE PM-10 WM MERRIFIELD S	50	8	25	71	180	440	832	1100	158	64
77326	SAULT STE HARIE PM-10 19 LISGAR ST	60	2	6	11	20	54	142	160	22	11
	SUDBURY	59	3	8	9	12	21	32	34	11	9

YEAR	- 1992 POLLUTANT - SULPHATE - F	PM10			UN	IT -	1 MIC	ROGRAM	S/CU.M	ETRE	
STATION NUMBER	LOCATION	NO OF SAMPLE		30	PER 50	CENTII 70	.ES 90	99	MAX	ARITH MEAN	GEOM MEAN
12056	PM-10 1400 ROSELAWN DRIVE WINDSOR										
12057	PM-10 6200 EDGARD STREET WINDSOR	50	22	31	36	46	65	133	160	44	38
12507	PM-10 WRIGHT/WATER ST WINDSOR	59	21	31	41	55	83	148	160	50	43
12508	PM-10 467 UNIVERSITY AVE W WINDSOR	50	26	33	42	57	101	150	150	52	45
12513	PM-10 3665 WYNDOTTE ST E WINDSOR	61	25	31	41	59	79	150	150	50	43
15516	PM-IO 801 COMMISSIONER RD E LONDON	52	23	32	37	53	78	119	130	46	41
22304	PM-10 WALPOLE PS. SANDUSK RD NANTICOKE	53	18	27	32	40	95	170	170	45	36
27308	PM-10 71 KING STREET ST CATHARINES	30	19	26	37	58	103	251	270	57	42
27352	PM-10 185 QUEEN ST S THOROLD	56	20	27	37	53	87	202	250	51	40
29300	PM-10 ELGIN/KELLY ST HAMILTON	38	. 25	32	41	62	100	182	190	56	46
29302	PM-10 467 BEACH BLVD HAMILTON	57	23	35	51	72	110	188	230	60	49
29313	PM-10 GERTRUDE/DEPEW HAMILTON	54	23	39	54	71	100	187	260	62	52
29324	PM-10 BUCHANAN PARK PS HAMILTON	56	29	40	56	83	125	205	240	70	59
31127	PM-10 BAY/GROSVENOR ST TORONTO	40	20	31	44	80	122	208	220	65	50
33127	PM-10 LAWRENCE/KENNEDY SCARBOROUGH	66	15	25	37	50	77	185	310	47	37
35127	PM-10 EVANS/ARNOLD ETOBICOKE	57	18	28	39	55	95	177	240	51	41
44127	PM-10 BRONTE RD/WOBURN CR OAKVILLE	83	17	26	34	49	82	157	190	44	36
56051	PM-10 MEMORIAL PK BEDFORD/THIRD CORNWALL	52	18	28	40	59	88	168	220	51	41
62135	PM-10 LEGION 250 CHURCH FORT FRANCES	41	17	24	37	57	93	173	220	49	38
63201	PM-10 615 JAMES ST S THUNDER BAY	29	9	12	15	22	42	89	110	23	18
71342	PM-10 BONNEY ST SAULT STE MARIE	60	9	14	17	23	34	61	70	21	18
71368	PM-10 WM MERRIFIELD S SAULT STE MARIE	50	12	23	46	74	140	235	240	65	42
77326	PM-10 19 LISGAR ST SUDBURY	60	8	18	24	38	69	96	110	33	25
	5555511	59	10	17	21	34	54	128	140	31	24

TABLE A-18 LEAD (Pb) IN TSP STATISTICS (1992)

	- 1992 POLLUTANT - LEAD							CROGR	AMS/CU	.METRE		TIMES ABOVE
STATION NUMBER	LOCATION	NO OF SAMPLE	S 10	30	PER 50	CENTIL 70	ES 90	99	MAX	ARITH MEAN	GEOH MEAN	CRITERIA 24-HR
12005	7730 RIVERSIDE DR E WINDSOR											
12007	WRIGHT/WATER ST WINDSOR	57	1	1	1	2	2	4	4	1	1	0
12008	467 UNIVERSITY AV W WINDSOR	53	1	1	2	3	4	5	6	2	1	0
12009	9725 RIVERSIDE DR E LITTLE RIVER	56	1	1	2	2	4	5	5	2	2	0
12011	DROUILLARD RD/RICHMOND ST WINDSOR	58	1	1	1	1	4	8	9	1	0	0
12013	FILTRAT PLT,3665 WYANDOTTE ST E WINDSOR	57	1	2	3	4	5	13	15	3	2	0
12015	SEWAGE STN. HWY 18/PROSPECT WINDSOR	52	1	1	2	3	6	24	33	3	2	0 .
12016	COLLEGE/SOUTH ST WINDSOR	58	1	2	2	3	4	7	8	2	2	0
12038	2885 HOWARD AV WINDSOR	56	1	1	2	2	3	7	8	2	1	0
12039	DOUGLAS ST/E.C. ROW W WINDSOR	59	1	2	3	4	7	10	11	4	3	0
12047	DORWIN PLAZA, DOUGALL AV WINDSOR	57	1	2	2	3	5	17	20	3	2	0
12049	643 ALEXANDRINE WINDSOR	58	1	1	2	3	4	35	45	3	1	0
14016	HWY40 (OPP LAMBTON GS) COURTRIGHT	59	1	1	2	3	3	5	6	2	1	0
14030	RR1 (W OF HOUSE) CORUNNA	57	1	1	1	2	2	4	4	1	1	0
14031	RR1 (W OF PARN) MOORETOWN	52	1	1	1	2	2	3	3	1	1	0
14064	CENTENNIAL PK, FRONT ST/CN TRACKS SARNIA	53	1	1	1	1	2	3	3	1	1	0
14152	CHRISTINA/EXMOUTH ST SARNIA	55	1	1	1	2	4	5	6	2	1	0
15001	WRN FAIR GROUNDS, KING/RECTORY	60	1	1	1	2	5	11	16	2	1	0
15008	EDGEWARE RD (NNW VARTA PLT) ST THOMAS	59	1	1	2	2	3	5	6	2	1	0
15014	POND MILLS RD/DEVERON CRES	58	1	1	2	3	10	92	114	6	1	0
15015	951 COMHISSIONERS RD E LONDON	60	1	1	1	1	2	3	4	1	1	0
15016	801 COMMISSIONERS RD E LONDON	59	1	1	1	1	2	2	3	1	0	0
15017	8 MOUNTSFIELD DR LONDON	55	1	1	1	1	2	4	4	0	0	0
17023	423 DEVONSHIRE AVE (LODGE)	58	1	1	1	1	2	2	2	1	0	0
17024	VANSITTART AVE (LYON'S POOL)	60	1	1	1	2	4	15	25	2	1	0
17025	WOODSTOCK ADMIRAL ST (SEWAGE PLANT) WOODSTOCK	57	1	1	1	2	3	11	24	2	1	0
22907	RAINHAM RD (NEAR STELCO GATE)	59	1	1	1	2	3	13	30	2	1	0
27008	NANTICOKE 71 KING ST	54	1	1	2	2	4	8	9	2	1	0
27052	ST CATHARINES 185 QUEEN ST S	53	1	1	1	2	2	6	10	1	1	0
	THOROLD	31	1	1	2	2	3	6	6	2	1	0

BURLINGTOW/LEEDS BURLINGTOW/LEEDS BURLINGTOW/LEEDS BURLINGTOW/LEEDS BURLINGTOW/LEEDS BURLINGTOW/LEEDS BURLINGTOW/LEETS STORE	YEAR	- 1992 POLLUTANT - LEAD				U	NIT -	.01 H	I CROGR	AMS/CU	.METRE		TIMES ABOVE
HAMILTON 29012 BIRLINGTON/RELINGTON HAMILTON 29017 CHATMAH/FRID HAMILTON 29026 BARTON/MERTRATH HAMILTON 29026 BARTON/MERTRATH HAMILTON 29036 BARTON/MERTRATH HAMILTON 29037 450 HUSSISSON ST N 29038 BARYMAIN ST N 29039 BIRLINGTON 29039 BARYMAIN ST N 29030 BARYMAIN ST N 29040 AS BEACH BLVD HAMILTON 29040 SARYMAIN ST N 29041 VICERES ROPEAST 18TH ST HAMILTON 29041 VICERES ROPEAST 18TH ST HAMILTON 29041 VICERES ROPEAST 18TH ST HAMILTON 29040 SARYMAIN ST N 31055 BARYMAIN ST N 31056 BARYMAIN ST N 31056 BARYMAIN ST N 31057 SARYMAIN ST N 31058 BARYMAIN ST N 31058 BARYMAIN ST N 31059 SARYMAIN ST N 31050 SARYMAIN		LOCATION	NO OF SAMPLE	S 10	30	PER 50	CENTII 70	ES 90	99	MAX	ARITH MEAN	GEOH HEAN	CRITERIA 24-HR
BURLEL INSTON/MELT LINGTON HAMILTON	29011				,		**	02	24	24	11		
29017 CHATIMAN/FRID 37 1 2 3 5 7 7 2 2 2 3 10 13 13 3 3 3 3 3 3 3	29012	BURLINGTON/WELLINGTON HAMILTON										9	0
BARTON/JERTIMORTH	29017	CHATHAM/FRID	-	•								1	0
ASO MUSHISON ST N ASO	29025	BARTON/WENTWORTH	36	1								2	0
BAYMAIN ST	29067	450 HUGHSON ST N										3	0
## 467 BEACH BLVD ####################################	29098	BAY/MAIN ST	45	1	2	3	4	5	7	7	3	2	0
VICKERS RD/EAST 18TH ST	29102	467 BEACH BLVD	56	1	2		4					2	0
BRUEE PS. 51 LARCHHOUNT AV TORONTO 335 5 5 5 5 13 36 88 7 TORONTO 335 5 5 5 5 5 13 36 88 7 TORONTO 325 5 5 5 5 13 30 109 260 350 40 31065 63 EASTEN AV TORONTO 320 5 5 5 5 27 91 291 510 33 TORONTO 327 1 1 2 4 7 16 19 3 31065 1000NTO 73 1 3 5 9 14 30 34 7 3107 TECHNESTHANIAGARA ST TORONTO 327 1 1 2 2 3 5 7 8 2 TORONTO 327 1 2 2 3 5 7 8 2 TORONTO 35 1 2 2 3 5 7 8 2 TORONTO 35 1 2 2 3 3 5 7 8 2 TORONTO 5 7 1 1 1 2 2 3 6 8 2 TORONTO 5 7 1 1 1 2 2 3 4 7 1 8 31120 PERTAPORANTO 5 7 1 1 1 2 2 3 4 8 9 1 31120 PERTAPORANTO 5 7 1 1 1 2 2 3 4 5 1 32010 LESEDE HORO STATION 5 7 1 1 1 2 2 3 4 5 1 32020 LEASTEN AV 32020 LEASTEN AV 32030 LAMBECA FERNEDY SCARBORD 5 8 1 1 1 2 2 5 11 13 2 2 32020 HENDON AVE (VONGE/FINCH) HONOTH YORK HEST 35030 ELMCREST ROLCHTENNIAL PK) ETGISLOWS 5 8 1 1 1 2 2 7 11 13 2 35 EDGAR AVE ROTTH YORK HEST 35030 ELMCREST ROLCHTENNIAL PK) ETGISLOWS 5 8 1 1 1 2 2 7 11 13 2 36 9 9 2 36030 CLEARNEOLO S 36030 CLEARNEOLO AVE ETGISLOWS 5 8 1 1 1 2 2 3 6 9 9 2 36030 CLEARNEOLO S 36030 CLEAR	29114	VICKERS RD/EAST 18TH ST	51	1	2	3	4	7	15	24	3	2	0
MUSLEY/LESLIE STS	31045	BRUCE PS, 51 LARCHHOUNT AV			_							1	0
STATEM NOT CONTINUED	31058	MOSLEY/LESLIE STS	335	5	5	5	5	13	36	88	7	6	0
MORNS DEPT. 138 HAMILTON AV	31065	633 EASTERN AV									40	17	0
TECHNSETH/NIAGARA ST 1	31082	WORKS DEPT, 138 HAHILTON AV	320	5	5		27					13	1
BAY/GROSVENOR 73 1 3 5 9 14 30 34 7	31085	TECUMSETH/NIAGARA ST	327	1							3	1	0
STATE STAT	31103	BAY/GROSVENOR	73	1	3	5	9	14	30	34	7	3	0
STATE STAT	31120	PERTH/RUSKIN(JUNCTION TRIANGLE)	352	1	2						2	2	0
STATE STAT	31183	FORT YORK	56	1	1	2	2	3	6	8	2	1	0
STATE STAT	32010	LEASIDE HYDRO STATION	57	1	1	1	3	9	23	43	3	1	0
SAURE SAUR	33003	LAWRENCE/KENNEDY	55	1	1	1	2	3	4	5	1	1	0
34025 35 ERGAR AVE 58 1 1 2 5 11 13 2 2	34020	HENDON AVE (YONGE/FINCH)	54	1	1	1	2	4	8	9	1	1	0
Section Sect	34025	35 EDGAR AVE	58	1	1	1	2	5	11	13	2	1	0
Span	35003	ELHCREST RD (CENTENNIAL PK)	58	1	1	1	2	7	11	13	2	1	0
36030 CLEARVIEN HTGS/KEELE ST 60 1 1 1 1 3 6 9 9 2 2	35033	EVANS/ARNOLD AV	59	1	1	1	3	5	8	10	2	1	0
YORK 53 1 1 1 1 3 6 7 1 44005 2487 LAKESHORE E/BIRKBANK RDS 6AVILLE 170 1 1 1 2 3 6 9 1 44008 HNYZ/NGRIH SHORE BLUD E 8URLINGTON 52 1 1 1 1 4 7 8 1	36030		60	1	1	1	3	6	9	9	2	1	0
4400B HAY2/NORTH SHORE BLVD E BURLINGTON 52 1 1 1 1 4 7 8 1		YORK 2487 LAKESHORE E/BIRKBANK RDS	53	1	1	1	1	3	6	7	1	1	0
BURLINGTON 52 1 1 1 4 7 8 1	44008	HWY2/NORTH SHORE BLVD E	170	1	1	1	2	3	6	9	1	1 .	0
	44015	BURLINGTON BRONTE RD/WOBURN CRES	52	1	1	1	1	4	7	8	1	0	0
OAKVILLE		OAKVILLE	57	1	1	1	1	3	10	13	1	0	0
OSHAWA 58 1 1 1 3 6 7 1		OSHAWA	58	1	1	1	1	3	6	7	1	0	0
		BRAMALEA	51	1	1	1	2	5	8	8	2	1	0
46045 2365 DIXIE RD HISSISSAUGA 329 1 4 10 24 55 184 271 24	46045		329	1	4	10	24	55	184	271	24	8	0

TABLE A-18 (cont.) LEAD (Pb) IN TSP STATISTICS (1992)

ONTARIO MINISTRY OF THE ENVIRONMENT AND ENERGY

YEAR	- 1992	POLLUTANT - LEAD				ι	NIT -	.01 M	ICROGR	AMS/CU	.METRE		TIMES ABOVE
STATION NUMBER	LOCA	ATION	NO OF SAMPLES	10	30	PER 50	CENTII 70	ES 90	99	MAX	ARITH MEAN	GEOM MEAN	CRITERIA 24-HR
46046	2360 DIXIE MISSISSAUGA	RD	331	4	15	27	55	135	377	920	58	24	1
46110	QUEENSWAY W	N/HURONTARIO ST	55	1	1	1	2	5	8	9	2	1	0
63200	MTC 615 JAN THUNDER BAY	HES ST S	58	1	1	1	1	2	9	10	1	0	0
71042	PUMPHOUSE, SAULT STE	BONNEY ST MARIE	221	1	1	1	2	4	10	12	2	1	0
71049	LAND OFFICE SAULT STE	E. QUEEN ST MARIE	59 -	1	1	1	1	2	3	4	1	0	0
71068	WM. MERRIF	IELD SCHOOL MARIE	115	1	1	1	1	2	4	4	1	0	0
77026	19 LISGAR : SUDBURY	ST	58	1	1	1	2	3	5	6	1	1	0
77070	PUMPHOUSE COPPER CLI	NICKEL ST. FF	35	1	1	1	4	8	27	29	3	1	0

TABLE A-19 IRON (Fe) IN TSP STATISTICS (1992)

YEAR -	1992 POLLUTANT - IRON IN TOTAL	AL SUSPENDED PA	RTICU	LATE	U	HIT -	.1 MIC	ROGRAM	IS/CU.P	ETRE	
STATION NUMBER	LOCATION	NO OF SAMPLES	5 10	30	PERI 50	70	90 90	99	HAX	ARITH MEAN	GEOH
12005	7730 RIVERSIDE DR E WINDSOR	58	1	2	4	6	9	19	20	5	3
12007	WRIGHT/WATER ST WINDSOR	53	3	7	10	16	23	58	63	14	10
12008	467 UNIVERSITY AV W WINDSOR	56	2	4	6	8	13	24	29	7	6
12011	DROUILLARD RD/RICHHOND ST WINDSOR	57	5	8	11	15	26	44	47	14	11
12013	FILTRAT PLT,3665 WYANDOTTE ST E WINDSOR	52	4	7	11	18	44	116	123	21	12
12015	SEWAGE STN, HWY 18/PROSPECT WINDSOR	58	6	9	12	17	28	34	37	15	13
12016	COLLEGE/SOUTH ST WINDSOR	56	4	6	10	13	18	32	34	11	9
12038	2885 HOWARD AV WINDSOR	59	11	23	39	58	135	249	254	59	38
12039	DOUGLAS ST/E.C. ROW W WINDSOR	57	6	9	11	16	32	48	54	15	12
12047	DORWIN PLAZA, DOUGALL AV WINDSOR	58	3	6	8	12	17	27	39	9	8
12049	643 ALEXANDRINE WINDSOR	59	3	6	10	13	22	65	67	13	10
14016	HWY40 (OPP LAMBTON GS) COURTRIGHT	57	1	2	2	3	4	9	12	2	2
14030	RR1 (W OF HOUSE) CORUNNA	52	1	1	2	3	4	7	8	2	1
14031	RR1 (W OF BARN) MOORETOWN	53	1	2	2	3	8	32	50	4	2
14064	CENTENNIAL PK, FRONT ST/CN TRACKS SARNIA	55	1	2	3	3	5	7	9	3	2

TABLE A-19 (cont.) IRON (Fe) IN TSP STATISTICS (1992)

YEAR	- 1992 POLLUTANT - IRON IN TOTAL	SUSPENDED P	ARTIC	RATE	U	NIT -	.1 HIC	ROGRA	MS/CU.	METRE	
STATION NUMBER	LOCATION	NO OF SAMPLE	S 10	30	PER 50	CENTIL 70	ES 90	99	нах	ARITH MEAN	GEOM HEAN
14152	CHRISTINA/EXMOUTH ST SARNIA	-									
15001	WRN FAIR GROUNDS, KING/RECTORY	60	2	3	3	5	7	17	19	4	3
15008	EDGEWARE RD (NNW VARTA PLT) ST THOMAS	59	2	3	5	6	10	19	20	6	4
15014	POND MILLS RD/DEVERON CRES	42	1	2	3	3	5	11	12	3	2
15015	951 COMMISSIONERS RD E	60	1	2	3	4	6	18	41	4	3
15016	801 COMMISSIONERS RD E LONDON	59	1	2	2	3	4	6	7	2	2
15017	8 MOUNTSFIELD DR	55	1	1	2	2	4	9	11	2	1
17023	423 DEVONSHIRE AVE (LODGE)	58	1	1	2	3	6	9	10	3	2
17024	WOODSTOCK VANSITTART AVE (LYON'S POOL)	60	1	2	3	5	11	21	36	5	3
17025	NOODSTOCK ADMIRAL ST (SEWAGE PLANT)	57	2	3	4	6	12	17	19	5	4
22907	NOODSTOCK RAINHAM RD (NEAR STELCO GATE)	59	1	2	3	4	8	17	18	4	3
27008	NANTICOKE 71 KING ST	54	4	8	14	28	44	78	90	20	13
27052	ST CATHARINES 185 QUEEN ST S	53	2	3	5	7	11	17	18	6	5
29011	THOROLD BURLINGTON/LEEDS	31	6	8	10	14	19	22	23	11	10
29012	HAMILTON BURLINGTON/WELLINGTON	59	18	32	43	54	85	175	233	49	38
29017	HAMILTON CHATHAM/FRID	37	7	8	13	18	25	45	50	15	13
	HAMILTON	36	8	11	16	22	38	55	56	20	16
29025	BARTON/WENTWORTH HAMILTON	53	7	14	20	28	56	116	129	27	19
29067	450 HUGHSON ST N HAMILTON	45	5	7	12	15	23	33	33	13	10
29098	BAY/MAIN ST HAMILTON	56	3	7	10	17	44	75	79	18	10
29102	467 BEACH BLVD HAMILTON	51	4	7	19	29	47	58	58	22	15
29114	VICKERS RD/EAST 18TH ST HAMILTON	58	2	5	6	9	21	55	62	10	6
31058	MOSLEY/LESLIE STS TORONTO	251	2	5	8	11	19	48	76	10	7
31103	BAY/GROSVENOR TORONTO	352	3	4	6	9	13	22	31	7	6
31120	PERTH/RUSKIN(JUNCTION TRIANGLE) TORONTO	56	1	3	4	6	10	16	17	5	4
32010	LEASIDE HYDRO STATION EAST YORK			4	5	6	10	17	24	5	4
44005	2487 LAKESHORE E/BIRKBANK RDS OAKVILLE	55	2			5	7	17	13	4	2
63400	5 KINGSWAY ST SCHREIBER	170	1	2	3			62	81	10	4
63401	101 MANITOBA ST SCHREIBER	59	1	3	6	9	25			4	2
71042	PUMPHOUSE, BONNEY ST SAULT STE MARIE	59	1	1	3	5	9	21	21		
		345	4	11	27	55	158	424	644	62	25

TABLE A-19 (cont.) IRON (Fe) IN TSP STATISTICS (1992)

ONTARIO HINISTRY OF THE ENVIRONMENT AND ENERGY

YEAR	- 1992 POLLUTA	NT - IRON IN TOTAL SUSPEN	DED PAR	ma	LATE	U	NIT -	.1 MIC	ROGRA	AS/CU.I	HETRE	
STATION NUMBER	LOCATION		NO OF AMPLES	10	30	50	CENTIL 70	90	99	MAX	ARITH MEAN	GEOM MEAN
71049	LAND OFFICE, QUEEN ST SAULT STE MARIE		59	1	3	7	10	15	29	37		,
71068	WM. MERRIFIELD SCHOOL SAULT STE MARIE			1							8	5
77026	19 LISGAR ST SUDBURY		115	1	3	6	10	28	51	70	10	5
77070	PUMPHOUSE NICKEL ST.		58	1	3	5	8	14	22	30	7	4
	COPPER CLIFF		56	2	4	6	11	20	36	37	9	6

TABLE A-20 MANGANESE (Mn) IN TSP STATISTICS (1992)

YEAR	- 1992 POLLUTANT	- MANGANESE I	N TOTAL	SUSPENDE	ED I	PARTICULA	ΤE	UNIT -	.001	HICROGE	RAMS/C	U.METRE		TIMES ABOVE
STATION NUMBER	LOCATION			NO OF SAMPLES	10	30	PI 50	ERCENTI 70	LES 90	99	MAX	ARITH MEAN	GEOM MEAN	CRITERIA 24-HR
12005	7730 RIVERSIDE DR E WINDSOR				_				-					
12007	WRIGHT/WATER ST WINDSOR			58	5	10	20	20	40	71	90	20	15	0
12008	467 UNIVERSITY AV W WINDSOR			53	20	30	40	64	110	167	240	55	42	0
12011	DROUILLARD RD/RICHHOND ST WINDSOR	Т		56	10	20	30	30	60	70	70	29	24	0
12013	FILTRAT PLT,3665 WYANDOT: WINDSOR	TE ST E		57	20	28	40	50	74	133	170	43	36	0
12015	SEWAGE STN, HWY 18/PROSPE WINDSOR	ECT		52	11	30	40	70	210	600	710	93	47	0
12016	COLLEGE/SOUTH ST WINDSOR			58	20	40	50	70	90	124	130	53	45	0
12038	2885 HOWARD AV WINDSOR			56	20	30	40	50	80	119	130	45	37	0
12039	DOUGLAS ST/E.C. ROW W			59	20	40	60	80	144	212	230	71	57	0
12047	DORWIN PLAZA, DOUGALL AV WINDSOR			57	26	30	40	50	60	96	120	41	38	0
12049	643 ALEXANDRINE WINDSOR			58	10	20	30	40	50	80	80	31	26	0
14016	HWY40 (OPP LAMBTON GS)			59	10	20	30	40	52	80 -	80	32	27	0
14030	COURTRIGHT RR1 (W OF HOUSE)			57	5	5	5	6	20	24	30	8	7	0
14031	CORUNNA RR1 (W OF BARN)			52	5	5	5	8	19	24	30	8	7	0
14064	MOORETOWN CENTENNIAL PK, FRONT ST/CI	N TRACKS		53	5	5	5	10	20	51	90	11	8	0
14152	SARNIA CHRISTINA/EXMOUTH ST			55	5	5	10	10	20	24	30	10	9	0
15001	SARNIA WRN FAIR GROUNDS, KING/R	ECTORY		60	5	10	10	20	30	44	50	15	13	0
15008	LONDON EDGEWARE RD (NNW VARTA P	LT)		59	9	20	20	30	40	70	70	25	20	0
15014	ST THOMAS POND MILLS RD/DEVERON CR	ES		42	5	5	10	20	20	40	40	13	10	0
15015	LONDON 951 COMMISSIONERS RD E			60	5	10	20	20	31	50	50	20	17	0
	LONDON			59	5	5	10	20	20	30	30	13	10	0

TABLE A-20 (cont.) MANGANESE (Mn) IN TSP STATISTICS (1992)

TATION UMBER	LOCATION	NO OF SAMPLE		30	50	70	90	99	нах	ARITH MEAN	GEOM MEAN	CRITERIA 24-HR
15016	801 COMMISSIONERS RD E											
15017	8 MOUNTSFIELD DR LONDON	55	5	5	10	10	20	41	60	11	9	0
17023	423 DEVONSHIRE AVE (LODGE)	58	5	10	10	20	30	40	40	15	12	0
17024	WOODSTOCK VANSITTART AVE (LYON'S POOL)	60	5	10	20	40	331	1269	1600	124	29	0
17025	WOODSTOCK ADMIRAL ST (SEWAGE PLANT)	57	5	10	20	30	252	493	570	67	26	0
22907	WOODSTOCK RAINHAH RD (NEAR STELCO GATE)	59	5	10	20	20	80	424	430	40	20	0
27008	NANTICOKE 71 KING ST	54	20	40	70	120	220	354	410	99	67	0
	ST CATHARINES	53	11	20	30	40	50	65	70	30	27	0
29011	BURLINGTON/LEEDS HAMILTON	59	128	200	270	366	508	901	1160	309	265	0
29012	BURLINGTON/WELLINGTON HAMILTON	37	50	70	100	122	160	362	480	106	91	0
29017	CHATHAM/FRID HAMILTON	36	55	85	105	145	245	310	310	126	107	0
29025	BARTON/WENTWORTH HAMILTON	53	72	116	160	232	356	922	1090	213	170	0
29067	450 HUGHSON ST N HAMILTON				60	RO		221	230	72	60	0
9098	BAY/MAIN ST HAMILTON	45	30	40		-	136					
9102	467 BEACH BLVD HAMILTON	56	30	50	70	120	255	436	500	108	75	0
29114	VICKERS RD/EAST 18TH ST HAMILTON	51	30	60	120	170	260	369	390	131	94	0
31058	MOSLEY/LESLIE STS TORONTO	58	20	30	40	60	148	218	230	61	45	0
31103	BAY/GROSVENOR	251	20	30	40	60	100	225	320	51	38	0
31120	TORONTO PERTH/RUSKIN(JUNCTION TRIANGLE)	352	20	30	30	40	60	90	110	37	32	0
32010	TORONTO LEASIDE HYDRO STATION	56	10	20	20	30	45	64	70	25	22	0
44005	EAST YORK 2487 LAKESHORE E/BIRKBANK RDS	55	10	20	- 30	40	50	94	100	33	27	0
71042	OAKVILLE PUMPHOUSE, BONNEY ST	170	5	10	20	30	40	60	90	20	15	0
71049	SAULT STE MARIE LAND OFFICE, QUEEN ST	345	30	80	170	310	556	1148	1810	253	145	0
	SAULT STE MARIE	59	5	20	40	60	92	152	190	46	31	0
1068	WM. MERRIFIELD SCHOOL SAULT STE MARIE	115	5	20	30	60	170	301	310	64	35	0
7026	19 LISGAR ST SUDBURY	39	5	10	10	20	30	46	50	16	12	0

TABLE A-21 NICKEL (Ni) IN TSP STATISTICS (1992)

				CULATE		IT ·						TIMES ABOV
ATION MBER	LOCATION	NO OF SAMPLES	10	30	PERO 50	70	90	99	MAX	ARITH MEAN	GEOM	CRITERIA 24-HR
2005	7730 RIVERSIDE DR E WINDSOR	57	5	5	5	5	7	14	20	6	5	0
2008	467 UNIVERSITY AV W WINDSOR											
2011	DROUILLARD RD/RICHMOND ST WINDSOR	56	5	5	5	5	10	30	50	7	6	0
2013	FILTRAT PLT,3665 WYANDOTTE ST E WINDSOR	57	5	5	5	5	10	20	20	6	6	0
2015	SEWAGE STN, HWY 18/PROSPECT WINDSOR	52	5	5	5	5	10	103	370	14	6	0
2016	COLLEGE/SOUTH ST WINDSOR	57	5	5	5	5	10	20	20	6	6	0 .
2038	2885 HOWARD AV WINDSOR	56	5	5	5	5	5	14	20	5	5	0
2039	DOUGLAS ST/E.C. ROW W WINDSOR	59	5	5	5	5	11	44	130	9	6	0
2047	DORWIN PLAZA, DOUGALL AV WINDSOR	57	5	5	5	5	5	7	10	5	5	0
2049	643 ALEXANDRINE	58	5	5	5	5	5	7	10	5	5	0
4016	WINDSOR HWY40 (OPP LAMBTON GS)	59	5	5	5	5	5	10	10	5	5	0
4030	COURTRIGHT RR1 (W OF HOUSE)	57	5	5	5	5	20	58	70	9	7	0
4031	CORUNNA RR1 (W OF BARN)	52	5	5	5	5	5	14	20	6	5	0
4064	HOORETOWN CENTENNIAL PK, FRONT ST/CN TRACKS	53	5	5	5	5	5	10	10	5	5	0
5001	SARNIA WRN FAIR GROUNDS, KING/RECTORY	55	5	5	5	5	15	44	50	8	6	0
5008	LONDON EDGEWARE RD (NNW VARTA PLT)	59	5	5	5	5	5	7	10	5	5	0
5014	ST THOMAS POND MILLS RD/DEVERON CRES	42	5	5	5	5	5	10	10	5	5	0
15015	LONDON 951 COMMISSIONERS RD E	60	5	5	5	5	5	16	30	6	5	0
	LONDON 801 COMMISSIONERS RD E	59	5	5	5	5.	5	9	20	5	5	0
5016	LONDON	55	5	5	5	5	5	10	10	5	5	0
5017	8 MOUNTSFIELD DR LONDON	58	5	5	5	5	5	5	5	5	5	0
17023	423 DEVONSHIRE AVE (LODGE) WOODSTOCK	60	5	5	5	5	5	5	5	5	5	0
17024	VANSITTART AVE (LYON'S POOL) WOODSTOCK	57	5	5	5	5	5	10	10	5	5	0
7025	ADMIRAL ST (SEWAGE PLANT) WOODSTOCK	59	5	5	5	5	5	9	20	5	5	0
2907	RAINHAM RD (NEAR STELCO GATE) NANTICOKE	54	5	5	5	5	5	14	20	5	5	0
7008	71 KING ST ST CATHARINES	53	5	5	5	5	5	5	5	5	5	0
27047	DAVIS/FRAZER PORT COLBORNE	54	5	5	20	40	130	467	690	53	20	0
27052	185 QUEEN ST S THOROLD	31	5	5	. 5	5	10	22	30	6	6	0
29011	BURLINGTON/LEEDS HAMILTON	59	5	5	5	5	20	24	30	8	7	0
	BURLINGTON/WELLINGTON	33	-	,	-	-						

TABLE A-21 (cont.) NICKEL (Ni) IN TSP STATISTICS (1992)

ONTARIO HINISTRY OF THE ENVIRONMENT AND ENERGY

YEAR	- 1992	POLLUTANT - I	NICKEL IN TOTAL	SUSPENDED	PARTI	CULATE	1	UNIT -	.001	MICRO	RAMS/C	U.METRE		T1.000 100.00
STATION NUMBER	LOCATI	ION		NO OF SAMPLES	10 .	30	PE 50	RCENTI 70	LES 90	99	MAX	ARITH MEAN	GEOM HEAN	TIMES ABOVE CRITERIA 24-HR
29017	CHATHAM/FRID HAMILTON			36	5	5	5	5	5	05	40		,	
29025	BARTON/WENTWO	ORTH				5		5		25	40	6	5	0
29067	450 HUGHSON S	ST N		53	5	5	5	5	17	28	40	8	6	0
29098	BAY/MAIN ST HAMILTON			45	5	5	5	5	5	10	10	5	5	0
29102	467 BEACH BLV HAMILTON	rD.		56	5	5	5	5	5	10	10	5	5	0
29114	VICKERS RD/EA	ST 18TH ST		51	5	5	5	5	5	14	20	6	5	0
31058	MOSLEY/LESLIE TORONTO	STS		58	5	5	5	5	5	10	10	5	5	0
31103	BAY/GROSVENOR TORONTO			251	5	5	5	5	5	20	60	6	5	0
31120		JUNCTION TRIANS	SLE)	352	5	5	5	5	5	20	20	5	5	0
44005	2487 LAKESHOR	E E/BIRKBANK RD	IS .	56	5	5	5	5	10	14	20	6	6	0
71042	PUMPHOUSE, BO			170	5	5	5	5	5	10	30	5	5	0
71049	SAULT STE MAR LAND OFFICE,	QUEEN ST		221	5	5	5	5	5	20	30	6	5	0
71068	SAULT STE MAR WM. MERRIFIEL	D SCHOOL		39	5	5	5	5	5	10	10	5	5	0
77026	SAULT STE MAR 19 LISGAR ST	IE.		76	5	5	5	5	5	10	10	5	5	0
77070	SUDBURY PUMPHOUSE NIC	KEL ST.		58	5	20	20	40	90	273	440	45	25	0
	COPPER CLIFF			56	30	65	120	250	674	1570	1660	259	128	0

TABLE A-22. CHROMIUM (Cr) IN TSP STATISTICS (1992)

	- 1992 PC	LLUTANT - CHROHIUN			CIICULA				MICKOG	KAM5/L	J.METRE		TIMES ABOVE
STATION NUMBER	LOCATION		NO OF SAMPLE	S 10	30	PER 50	CENTIL 70	E\$ 90	99	HAX	ARITH MEAN	GEOM HEAN	CRITERIA 24-HR
12005	7730 RIVERSIDE DR WINDSOR	E	-										
12007	WRIGHT/WATER ST WINDSOR		57	5	5	5	5	13	20	20	7	6	0
12008	467 UNIVERSITY AV	W	53	5	5	5	5	20	31	50	8	7	0
12011	DROUILLARD RD/RIC WINDSOR	HMOND ST	56	5	5	5	5	20	30	50	8	7	0
12013	FILTRAT PLT.3665 WINDSOR	WYANDOTTE ST E	57	5	5	5	6	20	30	30	8	7	0
12015	SEWAGE STN, HWY 1	8/PROSPECT	52	5	5	5	10	20	94	230	13	8	0
12016	WINDSOR COLLEGE/SOUTH ST		58	5	5	5	10	20	30	30	9	8	0
12038	WINDSOR 2885 HOWARD AV		56	5	5	5	10	20	24	30	9	7	0
12039	WINDSOR DOUGLAS ST/E.C. R	011.17	59	5	5	5	10	30	34	40	11	9	0
12039	WINDSOR	UW W	57	5	5	5	5	10	20	20	6	6	0

TABLE A-22 (cont.) CHROMIUM (Cr) IN TSP STATISTICS (1992)

ATION		NO OF			PER	CENTII	63			ARITH	GEOM	CRITERIA
MBER	LOCATION	SAMPLES	10	30	50	70	90	99	HAX	MEAN	MEAN	24 - HR
2047	DORWIN PLAZA, DOUGALL AV WINDSOR	58	5	5	5	5	10	20	20	7	6	0
2049	643 ALEXANDRINE WINDSOR											
016	HWY40 (OPP LAMBTON GS) COURTRIGHT	59	5	5	5	5	20	20	20	8	7	0
1030	RR1 (W OF HOUSE) CORUNNA	57	5	5	5	5	5	16	30	6	5	0
1031	RR1 (W OF BARN) MOORETOWN	52	5	5	5	5	10	28	40	7	6	0
1064	CENTENNIAL PK, FRONT ST/CN TRACKS SARNIA	53	5	5	5	5	9	24	30	7	6	0
001	WRN FAIR GROUNDS, KING/RECTORY LONDON	55	5	5	5	5	10	66	120	9	6	0
800	EDGEWARE RD (NNW VARTA PLT) ST THOMAS	59	5	5	5	5	11	20	20	7	6	0
014	POND MILLS RD/DEVERON CRES LONDON	42	5	5	5	5	10	10	10	6	6	0
015	951 COMMISSIONERS RD E	60	5	5	5	5	5	20	20	6	5	0
5016	801 COMMISSIONERS RD E	59	5	5	5	5	10	27	40	7	6	0
017	B MOUNTSFIELD DR	55	5	5	5	5	5	14	20	5	5	0
023	LONDON 423 DEVONSHIRE AVE (LODGE)	58	5	5	5	5	5	13	20	5	5	0
24	WOODSTOCK VANSITTART AVE (LYON'S POOL)	60	5	5	5	5	10	13	20	6	6	0
025	WOODSTOCK ADMIRAL ST (SEWAGE PLANT)	57	5	5	5	5	10	20	20	7	6	0
907	WOODSTOCK RAINHAM RD (NEAR STELCO GATE)	59	5	5	5	5	10	24	30	7	6	0
008	NANTICOKE 71 KING ST	54	5	5	5	10	20	20	20	9	8	0
052	ST CATHARINES 185 QUEEN ST S	53	5	5	5	5	10	14	20	6	6	0
011	THOROLD BURLINGTON/LEEDS	31	5	10	10	20	240	726	800	86	20	0
012	HAMILTON BURLINGTON/WELLINGTON	59	20	20	30	40	52	84	90	32	28	0
017	HAMILTON CHATHAM/FRID	37	5	5	5	10	24	30	30	9	7	0
025	HAMILTON BARTON/WENTWORTH	36	5	5	5	5	10	20	30	7	6	0
067	HAMILTON 450 HUGHSON ST N	53	5	5	5	13	30	171	230	20	10	0
098	HAMILTON BAY/MAIN ST	45	5	5	5	5	20	29	40	8	6	0
102	HAMILTON 467 BEACH BLVD	56	5	5	5	10	20	34	40	11	8	0
114	HAMILTON VICKERS RD/EAST 18TH ST	51	5	5	5	10	20	24	30	8	7	0
.058	HAMILTON MOSLEY/LESLIE STS	58	5	5	5	10	20	44	50	10	7	0
103	TORONTO BAY/GROSVENOR	251	5	5	5	10	20	40	50	11	8	0
120	TORONTO PERTH/RUSKIN(JUNCTION TRIANGLE)	352	5	5	5	10	20	30	40	9	7	0
	TORONTO TRIANGLE)											

TABLE A-22 (cont.) CHROMIUM (Cr) IN TSP STATISTICS (1992)

ONTARIO MINISTRY OF THE ENVIRONMENT AND ENERGY

YEAR	- 1992 POLLUTANT - CHRONIUM IN TOTAL	SUSPENDE	PAR	TICULAT	E U	NIT	001	MICROGR	AMS/CI	J. HETRE		TIME IRANG
STATION NUMBER	LOCATION	NO OF SAMPLES	10	30	PERI 50	70	90	99	MAX	ARITH HEAN	GEOH MEAN	TIMES ABOVE CRITERIA 24-HR
32010	LEASIDE HYDRO STATION EAST YORK											
44005	2487 LAKESHORE E/BIRKBANK RDS OAKVILLE	55	5	5	5		10	24	30	7	6	0
77026	19 LISGAR ST . SUDBURY	170	5	5	5	5	10	20	30	6	6	0
77070	PUMPHOUSE NICKEL ST.	39	5	5	5	5	5	5	5	5	5	0
	COPPER CLIFF	35	5	5	5	5	5	20 .	20	6	6	0

TABLE A-23 CADMIUM (Cd) IN TSP STATISTICS (1992)

YEAR	- 1992 POLLUTANT - CADHIUM IN TO	UTAL SUSPENDE	D PAR	TOULAT	E U	NIT -	.001 h	1ICROG	RAMS/C	J.METRE		TIMES ABOVE
STATION NUMBER	LOCATION	NO OF SAMPLE		30	PER 50	CENTIL 70	ES 90	99	MAX	ARITH MEAN	GEOH MEAN	CRITERIA 24-HR
12005	7730 RIVERSIDE DR E WINDSOR								_		_	
12007	WRIGHT/WATER ST WINDSOR	57	1	1	1	1	3	14	52	2	0	0
12008	467 UNIVERSITY AV W WINDSOR	53	1	1	1	3	5	8	8	2	1	0
12011	DROUILLARD RD/RICHHOND ST WINDSOR	56	1	1	1	1	4	12	12	1	1	0
12013	FILTRAT PLT,3665 WYANDOTTE ST E	57	1	1	1	1	3	5	6	1	0	0
12015	SEWAGE STN. HWY 18/PROSPECT WINDSOR	52	1	1	1	2	4	8	10	1	1	0
12016	COLLEGE/SOUTH ST	57	1	1	1	2	5	18	33	2	1	0
12038	WINDSOR 2885 HOWARD AV	56	1	1	1	1	3	4	5	1	1	0
12039	WINDSOR DOUGLAS ST/E.C. ROW W	59	1	1	1	1	2	4	5	1	0	0
12047	WINDSOR DORWIN PLAZA, DOUGALL AV	57	1	1	1	1	2	4	5	1	0	0
12049	WINDSOR 643 ALEXANDRINE	58	1	1	1	1	2	4	4	1	0	0
14016	WINDSOR	59	1	1	1	1	3	4	4	1	0	0
	HWY40 (OPP LAMBTON GS) COURTRIGHT	57	1	1	1	1	1	2	2	0	0	0
14030	RR1 (W OF HOUSE) CORUNNA	52	1	1	1	1	1	1	1	0	0	0
14031	RR1 (W OF BARN) MOORETOWN	53	1	1	1	1	1	2	2	0	0	0
14064	CENTENNIAL PK, FRONT ST/CN TRACKS SARNIA	55	1	1	1	1	1	2	3	0	0	0
15001	WRN FAIR GROUNDS, KING/RECTORY LONDON											
		59	1	1	1	1	2	3	3	0	0	0
15008	EDGEWARE RD (NNW VARTA PLT) ST THOMAS	42	1	1	1	1	1	2	2	0	0	0
15014	POND MILLS RD/DEVERON CRES LONDON	60	1	1	1	1	1	2	2	0	0	0
15015	951 COMMISSIONERS RD E LONDON						_		_			
		59	1	1	1	1	1	1	2	0	0	0

TABLE A-23 (cont.) CADMIUM (Cd) IN TSP STATISTICS (1992)

	- 1992 POLLUTANT - CADMIUM IN	IUIAL SUSPENDE	D PART	TICULATI	E 1	JNIT -	.001	MICROG	RAMS/C	U. METRE		711150 455
STATION NUMBER	LOCATION	NO OF SAMPLE	S 10	30	PEI 50	RCENTI 70	LES 90	99	HAX	ARITH MEAN	GEOH HEAN	TIMES ABOV CRITERIA 24-HR
15016	801 COMMISSIONERS RD E LONDON											
15017	8 MOUNTSFIELD DR LONDON	55	1	1	1	1	1	2	2	0	0	0
17023	423 DEVONSHIRE AVE (LODGE) WOODSTOCK	58	1	1	1	1	1	1	1	0	0	0
17024	VANSITTART AVE (LYON'S POOL) WOODSTOCK	60	1	1	1	1	1	2	2	0	0	0
17025	ADMIRAL ST (SEWAGE PLANT) WOODSTOCK	57	1	1	1	1	1	2	2	0	0	0
22907	RAINHAM RD (NEAR STELCO GATE) NANTICOKE	59	1	1	1	1	1	1	2	0	0	0
27008	71 KING ST ST CATHARINES	54	1	1	1	1	1	2	2	0	0	0
27052	185 QUEEN ST S THOROLD	53	1	1	1	1	1	3	4	0	0	0
29011	BURLINGTON/LEEDS HAMILTON	31	1	1	1	1	1	2	2	0	0	0
29012	BURLINGTON/WELLINGTON HAHILTON	59	1	1	1	2	3	5	6	1	1	0
29017	CHATHAM/FRID HAMILTON	37	1	1	1	1	1	1	0	0	0	0
29025	BARTON/WENTWORTH HAMILTON	36	1	1	1	1	1	1	1	0	0	0
29067	450 HUGHSON ST N HAMILTON	53	1.	1	1	1	1	4	6	0	0	0
29098	BAY/MAIN ST HAMILTON	45	1	1	1	1	1	1	2	0	0	0
29102	467 BEACH BLVD HANILTON	56	1	1	1	1	1	1	1	0	0	0
29114	VICKERS RD/EAST 18TH ST HAHILTON	51	1	1	1	1	1	1	2	0	0	0
31058	MOSLEY/LESLIE STS TORONTO	58	1	1	1	1	1	1	2	0	0	0
31103	BAY/GROSVENOR TORONTO	251	1	1	1	1	2	9	16	1	0	0
31120	PERTH/RUSKIN(JUNCTION TRIANGLE) TORONTO	352	1	1	1	1	2	3	10	1	0	0
32010	LEASIDE HYDRO STATION EAST YORK	56	1	1	1	1	1	5	6	0	0	0
14005	2487 LAKESHORE E/BIRKBANK RDS OAKVILLE	55	1	1	1	1	1	4	7	0	0	0
3400	5 KINGSWAY ST SCHREIBER	170	1	1	1	1	1	2	6	0	0	0
3401	101 MANITOBA ST SCHREIBER	59	1	1	2	4	10	33	54	5	2	0
7026	19 LISGAR ST SUDBURY	59	1	1	1	1	2	4	5	0	0	0
7070	PUMPHOUSE NICKEL ST. COPPER CLIFF	39	1	1	1	1	2	5	6	0	0	0
		35	1	1	1	2	6	27	29	3	1	0

TABLE A-24 VANDIUM (V) IN TSP STATISTICS (1992)

YEAR	- 1992 POLLUTANT - VANADIUM IN TO	ITAL SUSPEND	ED PAR	mou	TE L	JNIT -	.001	HICROG	RAMS/C	U.METRE		71155 1005
STATION NUMBER	LOCATION	NO OF SAMPLE	S 10	30	PER 50	RCENTIE 70	LES 90	99	MAX	ARITH MEAN	GEOH MEAN	TIMES ABOVE CRITERIA 24-HR
12005	7730 RIVERSIDE DR E WINDSOR	_								_		
12007	WRIGHT/WATER ST WINDSOR	57	5	5	5	5	10	30	30	7	6	0
12008	467 UNIVERSITY AV W WINDSOR	53	5	5	5	5	5	10	10	5	5	0
12011	DROUILLARD RD/RICHMOND ST WINDSOR	56	5	5	5	5	10	20	20	7	6	0 .
12013	FILTRAT PLT.3665 WYANDOTTE ST E WINDSOR	57	5	5	5	5	10	20	20	6	6	0
12015	SEWAGE STN, HWY 18/PROSPECT WINDSOR	52	5	5	5	5	5	24	30	6	6	0
12016	COLLEGE/SOUTH ST WINDSOR	57	5	5	5	6	13	24	30	8	7	0
12038	2885 HOWARD AV WINDSOR	56	5	5	5	5	10	24	30	6	6	0
12039	DOUGLAS ST/E.C. ROW W WINDSOR	59	5	5	5	5	5	20	20	6	5	0
12047	DORWIN PLAZA, DOUGALL AV WINDSOR	57	5	5	5	5	13	24	30	7	6	0
12049	643 ALEXANDRINE WINDSOR	58	5	5	5	5	5	24	30	6	5	0
14016	HWY40 (OPP LAMBTON GS) COURTRIGHT	59	5	5	5	5	10	24	30	6	6	0
14030	RR1 (W OF HOUSE) CORUNNA	57	5	5	5	6	30	109	160	14	8	0
14031	RR1 (W OF BARN) MODRETOWN	52	5	5	5	5	5	20	20	6	5	0
14064	CENTENNIAL PK.FRONT ST/CN TRACKS SARNIA	53	5	5	5	5	5	20	20	6	6	0
15001	WRN FAIR GROUNDS, KING/RECTORY LONDON	55	5	5	5	9	30	94	100	14	8	0
15008	EDGEWARE RD (NNW VARTA PLT) ST THOMAS	59	5	5	5	5	5	10	10	5	5	0
15014	POND MILLS RD/DEVERON CRES	42	5	5	5	5	10	15	20	6	6	0
15015	951 COMMISSIONERS RD E LONDON	60	5	5	5	5	5	10	10	6	5	0
15016	801 COMMISSIONERS RD E LONDON	59	5	5	5	5	10	20	20	6	6	0
15017	8 MOUNTSFIELD DR	55	5	5	5	5	5	24	30	6	6	0
17023	423 DEVONSHIRE AVE (LODGE) WOODSTOCK	58	5	5	5	5	10	20	20	7	6	0
17024	VANSITTART AVE (LYON'S POOL)	60	5	5	5	5	10	20	20	6	6	0
17025	ADMIRAL ST (SEWAGE PLANT) WOODSTOCK	57	5	5	5	5	5	20	20	6	5	0
22907	RAINHAM RD (NEAR STELCO GATE) NANTICOKE	59	5	5	5	5	10	44	50	8	6	0
27008	71 KING ST ST CATHARINES	54	5	5	5	5	20	38	50	10	7	0
27052	185 QUEEN ST S THOROLD	53	5	5	5	5	5	14	20	6	5	0
29011	BURLINGTON/LEEDS HAMILTON	31	5	5	5	5	10	20	20	6	6	0
29012	BURLINGTON/WELLINGTON HAMILTON	59	5	5	5	10	20	44	50	10	7	0
		37	5	5	5	5	10	30	30	7	6	0

TABLE A-24 (cont.) VANDIUM (V) IN TSP STATISTICS (1992)

ONTARIO MINISTRY OF THE ENVIRONMENT AND ENERGY

TATION		NO OF			PER	CENTIL	ES			ARITH	GEOH	CRITERIA
UHBER	LOCATION	SAMPLES	10	30	50		90	99	MAX	MEAN	HEAN	24-HR
29017	CHATHAM/FRID HAMILTON	36	5	5								
29025	BARTON/WENTWORTH HAMILTON		5	5	5	5	14	30	30	8	7	0
29067	450 HUGHSON ST N HAMILTON	53	5	5	5	7	20	70	130	11	7	0
29098	BAY/MAIN ST HAMILTON	45	5	5	5	5	5	20	20	6	5	0
29102	467 BEACH BLVD HAMILTON	56	5	5	5	10	20	30	30	10	8	0
29114	VICKERS RD/EAST 18TH ST HAMILTON	51	5	5	5	10	20	40	40	11	8	0
31058	MOSLEY/LESLIE STS TORONTO	58	5	5	5	5	10	24	30	7	6	0
31103	BAY/GROSVENOR TORONTO	251	5	5	5	5	10	20	20	6	5	0
31120	PERTH/RUSKIN(JUNCTION TRIANGLE) TORONTO	352	5	5	5	5	10	30	30	7	6	0
32010	LEASIDE HYDRO STATION	56	5	5	5	5	5	14	20	5	5	0
44005	EAST YORK 2487 LAKESHORE E/BIRKBANK RDS	55	5	5	5	5	8	24	30	6	6	0
77026	OAKVILLE 19 LISGAR ST	170	5	5	5	5	10	12	20	6	5	0
77026	SUDBURY ST	39	5	5	5	5	5	8	10	5	5	0
77070	PUMPHOUSE NICKEL ST. COPPER CLIFF			5			5			5	5	Ü
		35	5	5	5	5	8	16	20	6	6	0

TABLE A-25 COPPER (Cu) IN TSP STATISTICS (1992)

YEAR	- 1992 POLLUTAN	T - COPPER IN TO	TAL SUSPENDED	PART	CIR ATE	- 11	NIT .	01 M	CRUCK	AMS/CU	METRE		
STATION NUMBER	LOCATION	WITER IN 10	NO OF SAMPLE:		30	PER	CENTIL 70		99	HAX	ARITH MEAN	GEOM MEAN	TIMES ABOV CRITERIA 24-HR
12005	7730 RIVERSIDE DR E WINDSOR												
12007	WRIGHT/WATER ST WINDSOR		58	1	2	3	4	5	8	12	3	3	0
12008	467 UNIVERSITY AV W WINDSOR		53	1	2	3	4	6	7	7	3	2	0
12011	DROUILLARD RD/RICHMOND S	ST	56	1	2	3	3	4	7	8	3	2	0
12013	FILTRAT PLT.3665 WYANDO	TTE ST E	57	2	3	3	4	6	9	9	4	3	0
12015	SEWAGE STN, HWY 18/PROSI WINDSOR	PECT	52	1	2	2	4	5	7	7	3	2	0
12016	COLLEGE/SOUTH ST WINDSOR		58	1	1	2	3	4	6	6	2	2	0
12038	2885 HOWARD AV WINDSOR		56	1	3	4	6	9	28	70	6	3	0
12039	DOUGLAS ST/E.C. ROW W WINDSOR		59	2	4	6	8	10	12	12	6	5	0
12047	DORWIN PLAZA, DOUGALL A' WINDSOR	V	57	2	4	4	6	9	11	11	5	4	0
12049	643 ALEXANDRINE WINDSOR		58	1	1	2	3	8	13	14	3	2	0
	MINDOOK		59	2	2	3	5	7	9	12	4	3	0

TABLE A-25 (cont.) COPPER (Cu) IN TSP STATISTICS (1992)

				CULATE		NIT -						TIMES ABO
ATION MBER	LOCATION	NO OF SAMPLE	S 10	30	PER 50	CENTIL 70	ES 90	99	MAX	ARITH MEAN	GEOM MEAN	CRITERIA 24-HR
4016	HWY40 (OPP LAMBTON GS) COURTRIGHT	_										
4030	RR1 (W OF HOUSE) CORUNNA	57	1	1	2	3	4	6	6	2	1	0
4031	RR1 (W OF BARN) MOORETOWN	52	1	1	2	2	3	9	11	2	1	0
5001	WRN FAIR GROUNDS, KING/RECTORY LONDON	53	1	1	2	3	5	9	10	2	1	0
5008	EDGEWARE RD (NNW VARTA PLT) ST THOMAS	59	1	. 2	2	3	4	5	5	2	2	0
5014	POND MILLS RD/DEVERON CRES	42	1	1	1	1	2	3	3	1	1	0
5015	951 COMMISSIONERS RD E LONDON	60	1	1	1	2	4	5	6	1	1	0
5016	BO1 COMMISSIONERS RD E LONDON	59	1	1	1	1	2	2	3	1	0	0
5017	8 MOUNTSFIELD DR	55	1	1	2	2	4	6	7	2	1	0
7023	423 DEVONSHIRE AVE (LODGE)	58	1	2	2	2	3	4	4	2	2	0
7024	WOODSTOCK VANSITTART AVE (LYON'S POOL)	60	1	3	4	7	13	31	41	6	4	0
025	WOODSTOCK ADMIRAL ST (SEWAGE PLANT)	57	1	2	2	3	5	13	25	3	2	0
907	WOODSTOCK RAINHAM RD (NEAR STELCO GATE)	59	1	1	1	1	1	2	2	0	0	0
008	NANTICOKE 71 KING ST	54	2	3	4	5	7	30	52	5	4	0
052	ST CATHARINES 185 QUEEN ST S	53	4	5	7	9	13	19	22	8	7	0
011	THOROLD BURLINGTON/LEEDS	31 ·	11	15	18	25	49	72	74	25	18	0
012	HAMILTON BURLINGTON/WELLINGTON	59	4	6	8	10	13	20	20	9	8	0
017	HAMILTON CHATHAM/FRID	37	2	3	4	7	10	15	17	5	4	0
025	HAMILTON BARTON/WENTWORTH	36	3	4	5	7	8	10	10	5	5	0
067	HAMILTON 450 HUGHSON ST N	53	6	10	12	14	18	34	36	13	11	0
098	HAMILTON BAY/MAIN ST	45	1	2	3	4	. 5	7	7	3	3	0
	HAMILTON	56	3	5	5	7	9	13	14	6	5	0
102	467 BEACH BLVD HAMILTON	51	2	4	5	6	8	11	12	5	5	0
9114	VICKERS RD/EAST 18TH ST HAMILTON	58	2	3	4	5	10	15	16	5	4	0
.058	MOSLEY/LESLIE STS TORONTO	251	6	11	16	24	44	65	68	21	15	0
.103	BAY/GROSVENOR TORONTO	352	3	6	8	13 ·	23	35	74	11	8	0
.120	PERTH/RUSKIN(JUNCTION TRIANGLE) TORONTO	56	9	12	19	26	41	53	54	22	18	0
010	LEASIDE HYDRO STATION EAST YORK	55	4	6	7	8	11	17	22	8	7	0
005	2487 LAKESHORE E/BIRKBANK RDS OAKVILLE	170	8	13	17	25	34	55	62	20	17	0
400	5 KINGSWAY ST SCHREIBER	270		20		20	- /					

TABLE A-25 (cont.) COPPER (Cu) IN TSP STATISTICS (1992)

ONTARIO MINISTRY OF THE ENVIRONMENT AND ENERGY

ICAN	- 1992 POLLUTAN	T - COPPER IN TOTAL	L SUSPENDED I	PARTI	CULATE	U	NIT -	.01 H	ICROGRA	MS/CU	METRE		TIMES ABOVE
TATION UMBER	LOCATION		NO OF SAMPLES	10	30	PER 50	CENTIL 70	ES 90	99	MAX	ARITH MEAN	GEOM MEAN	CRITERIA 24-HR
63401	101 MANITOBA ST SCHREIBER		59	,	10	14	24	40	67	69	21	15	
71042	PUMPHOUSE, BONNEY ST SAULT STE MARIE		221	6	4	6	11	48	26	27	8	6	0
71049	LAND OFFICE, QUEEN ST SAULT STE MARIE		39	5	7	11	14	17	19	19	11	10	0
71068	WM. MERRIFIELD SCHOOL SAULT STE MARIE		76	3	5	7	8	10	19	19	7	6	0
77026	19 LISGAR ST SUDBURY		58	4	6	8	12	22	31	32	11	9	0
77070	PUMPHOUSE NICKEL ST. COPPER CLIFF		20	*	11	17	29	76	285	314	36	21	0

TABLE A-26 MAXIMUM MONITORED LEVELS FOR TRACE METALS (1992)

YEAR	- 1992 POLLUTANTS - CH IR CA CO	ROHIUM IN TSP DHIUM IN TSP PPER IN TSP	UNIT -	.001	JG/H3 JG/H3	VANAD	IUH I	IN TSP	UNIT	001 001 001	UG/M3	
STATION NUMBER	LOCATION			NO OI SAMPLI	Cr S MAX	V MAX	Fe MAX	Ni MAX	Cd MAX	Hn HAX	Cu MAX	
12005	7730 RIVERSIDE DR E WINDSOR			57	20	30	20	20	52	90	12	
12007	WRIGHT/WATER ST WINDSOR											
12008	467 UNIVERSITY AV W WINDSOR			53	50	10	63	N/A	8	240	7	
12011	DROUILLARD RD/RICHMOND S	Т		56	50	20	29	50	12	70	8	
12013	FILTRAT PLT,3665 WYANDOT WINDSOR	TE ST E		57	30	20	47	20	6	170	9	
12015	SEWAGE STN. HWY 18/PROSP WINDSOR	ECT		52	230	30	123	370	10	710	7	
12016	COLLEGE/SOUTH ST WINDSOR			58	30	30	37	20	33	130	6	
12038	2885 HOWARD AV WINDSOR			56	30		34	20	5	130	70	
12039	DOUGLAS ST/E.C. ROW W			59	40	20	254	130	5	230	12	
12047	DORWIN PLAZA, DOUGALL AV			57	20	30	54	10	5	120	11	
12049	643 ALEXANDRINE WINDSOR			58	20	30	39	10	4	80	14	
14016	HWY40 (OPP LAMBTON GS) COURTRIGHT			59	20	30	67	10	4	80	12	
14030	RR1 (W OF HOUSE)			57	30	160	12	70	2	30	6	
14031	CORUNNA RR1 (W OF BARN)			52	40	20	8	20	1	30	11	
14064	MOORETOWN CENTENNIAL PK, FRONT ST/O	ON TRACKS		53	30	20	50	10	2	90	10	
14152	SARNIA CHRISTINA/EXMOUTH ST			55	120	100	9	50	3	30	N/A	
	SARNIA	DECTORY.		60	N/A	N/A	19	N/A	N/A	50	N/A	
15001	WRN FAIR GROUNDS, KING/F LONDON	CLIURT		59	20	10	20	10	3	70	5	

TABLE A-26 (cont.) MAXIMUM MONITORED LEVELS FOR TRACE METALS (1992)

	- 1992 POLLUTANTS - CHROHIUM IRON CADHIUM COPPER	IN TSP IN TSP IN TSP	1	UG/H3 UG/H3 UG/H3	VAN.	MITTA	IN TSP IN TSP IN TSP	UNI	T001	UG/N3 UG/N3 UG/N3	
STATION NUMBER	LOCATION		NO SAMP	OF Cr	V MAD	Fe K MAX	Ni MAX	Cd	Mn X MAX	Cu HAX	
15008	EDGEWARE RD (NNW VARTA PLT) ST THOMAS										
15014	POND MILLS RD/DEVERON CRES		42	10	20	12	10	2	40	3	
15015	951 COMMISSIONERS RD E LONDON		60	20	10	41	30	2	50	6	
15016	801 COMMISSIONERS RD E LONDON		59	40	20	7	20	2	30	3	
15017	8 MOUNTSFIELD DR LONDON		55	20	30	11	10	2	60	7	
17023	423 DEVONSHIRE AVE (LODGE) WOODSTOCK		58	20	20	10	5	1	40	4	
17024	VANSITTART AVE (LYON'S POOL) WOODSTOCK		60	20	20	36	5	2	1600	41	
17025	ADMIRAL ST (SEWAGE PLANT) WOODSTOCK		57	20	20	19	10	2	570	25	
22907	RAINHAM RD (NEAR STELCO GATE) NANTICOKE		59	30	50	18	20	2	430	2	
27008	71 KING ST ST CATHARINES		54	20	50	90	20	2	410	52	
27052	185 QUEEN ST S THOROLD		53	20	20	18	5	4	70	22	
29011	BURLINGTON/LEEDS HAMILTON		31	800	20	23	30	2	N\A	74	
29012	BURLINGTON/WELLINGTON HAMILTON		59	90	50	233	30	6	1160	20	
29017	CHATHAM/FRID HAMILTON		37	30	30	50	20	0	480	17	
29025	BARTON/WENTWORTH HAMILTON		36	30	30	56	40	1	310	10	
29067	450 HUGHSON ST N HAMILTON		53	230	130	129	40	6	1090	36	
29098	BAY/MAIN ST HAHILTON		45	40	20	33	10	2	230	7	
29102	467 BEACH BLVD HAMILTON		56	40	30	79	10	1	500	14	
29114	VICKERS RD/EAST 18TH ST HAMILTON		51	30	40	58	20	2	390	12	
31058	MOSLEY/LESLIE STS TORONTO		58	50	30	62	10	2	230	16	
31103	BAY/GROSVENOR TORONTO		251	50	20	76	60	16	320	68	
31120	PERTH/RUSKIN(JUNCTION TRIANGLE) TORONTO		352	40	30	31	20	10	110	74	
32010	LEASIDE HYDRO STATION EAST YORK		56	20	20	17	20	6	70	54	
14005	2487 LAKESHORE E/BIRKBANK RDS DAKVILLE		55	30	30	24 -	N\A	7	100	22	
3005	HOSP, ARCHIBALD/ARTHUR STS THUNDER BAY		170	30	20	13	30	6	90	62	
3022	HOSPITAL. 35 ALGOMA ST N THUNDER BAY		N/A	N/A	N/A	N/A	N/A	N/A	N/A	8	
3400	S KINGSWAY ST SCHREIBER		N/A	N/A	N/A	N/A	N/A	N/A	N/A	7	
3401	101 MANITOBA ST SCHREIBER		59	N/A	N/A	81	N/A	54	N/A	163	
			59	N/A	N/A	21	N/A	5	N/A	69	

TABLE A-26 (cont.) MAXIMUM MONITORED LEVELS FOR TRACE METALS (1992)

ONTARIO MINISTRY OF THE ENVIRONMENT AND ENERGY

YEAR	- 1992 POLLUTANTS -	IRON CADHIUM COPPER	IN TS	PUPU		UG.	/H3 /H3	NICKE VANAE HANG/	HUIG	IN TSP IN TSP	UNIT	001	UG/NO UG/NO
STATION					NO I)F	Cr	٧	Fe	Ni	Cd	Mn	Cu
NUMBER	LOCATION				SAMP	LES	HAX	MAX	HAX	MAX	HAX	MAX	MAX
71042	PUMPHOUSE, BONNEY ST SAULT STE MARIE				345		11/4	N/A	644	30	11/4	1810	27
71049	LAND OFFICE, QUEEN ST SAULT STE MARIE												
71068	WM. MERRIFIELD SCHOOL SAULT STE MARIE				59		N/A		37	10	N/A	190	19
77026	19 LISGAR ST SUDBURY				115		N/A	N/A	70	10	N/A	310	19
77070	PUMPHOUSE, NICKEL ST				39		5	10	30	440	6	50	32
	COPPER CLIFF				35		20	20	37	1660	29	N/A	314

TABLE A-27 NITRATE (NO₃) IN TSP STATISTICS (1992)

STATION	10017701	NO OF SAMPLES	10	20		CENTIL		99	MAY	ARITH	GEOM
NUMBER	LOCATION	SAMPLES	10	30	50	70	90	99	MAX	MEAN	MEAN
12007	WRIGHT/WATER ST WINDSOR	53	19	35	48	62	74	94	99	48	43
12008	467 UNIVERSITY AV W WINDSOR									52	
12015	SEWAGE STN. HWY 18/PROSPECT WINDSOR	55	21	33	48	70	80	115	136		44
12016	COLLEGE/SOUTH ST WINDSOR	58	21	38	49	64	85	111	127	52	46
12038	2885 HOWARD AV WINDSOR	56	24	38	54	63	84	108	108	53	47
12039	DOUGLAS ST/E.C. ROW W	59	20	29	45	54	71	113	118	46	40
12047	DORWIN PLAZA, DOUGALL AV	57	21	34	47	61	72	103	111	48	43
12049	WINDSOR 643 ALEXANDRINE	58	22	33	46	62	78	99	102	48	43
14016	WINDSOR HWY40 (OPP LAMBTON GS)	59	20	33	47	63	74	100	110	48	42
14064	COURTRIGHT CENTENNIAL PK.FRONT ST/CN TRACKS	57	14	27	40	51	66	89	92	40	33
15014	SARNIA	55	10	21	35	49	70	94	96	38	30
	POND MILLS RD/DEVERON CRES LONDON	60	15	29	38	49	77	105	106	42	35
15015	901 COMMISSIONERS RD E LONDON	59	14	29	37	52	69	103	108	42	36
15016	801 COMMISSIONERS RD E LONDON	55	15	28	39	51	76	96	100	42	36
15017	8 MOUNTSFIELD DR LONDON	58	16	26	35	47	70	103	104	40	34
22904	WALPOLE S.PS, SANDUSK RD NANTICOKE										
27008	71 KING ST ST CATHARINES	46	20	28	35	49	68	138	146	43	37
29011	BURLINGTON/LEEDS HAMILTON	53	22	31	37	50	68	84	86	42	38
29025	BARTON/WENTWORTH HAMILTON	59	18	26	40	53	78	123	137	45	37
	TAPATIC TUN	53	17	26	39	50	72	95	109	42	36

TABLE A-27 (cont.) NITRATE (NO₃) IN TSP STATISTICS (1992)

ONTARIO MINISTRY OF THE ENVIRONMENT AND ENERGY

YEAR	- 1992	POLLUTANT	NITRATE IN	TOTAL SUSPENDED	PAR	TICULA	E U	INIT -	.1 MI	CROGRA	HS/CU.	METRE	
STATION NUMBER	LOCATIO	N		NO OF SAMPLES	10	30		70		99	HAX	ARITH HEAN	GEOH HEAN
29098	BAY/MAIN ST HAMILTON			56	20	29	42	59	81	120	131	48	42
29102	467 BEACH BLVD HAMILTON			51	17	24	34	53	75	113	122	42	36
29114	VICKERS RD/EAS HAMILTON	T 18TH ST					37		70	97	104	41	36
31103	BAY/GROSVENOR TORONTO			58	18	27	37	45		9/	104	41	-
35033	EVANS/ARNOLD A	v		352	11	22	36	54	86	131	144	43	33
63200	MTC 615 JAMES	ST S		58	15	29	40	62	88	121	130	48	40
74040	THUNDER BAY	NEW CT		58	4	8	10	16	29	56	76	15	11
71042	PUMPHOUSE, BON SAULT STE MARI			221	4	7	13	19	39	71	88	18	12
71049	LAND OFFICE, Q SAULT STE MARI			39	4	7	12	21	34	50	51	17	12
71068	WM. MERRIFIELD SAULT STE MARI			39	4	/	12	21	34	50	21	17	12
77026	19 LISGAR ST			115	4	8	14	22	32	53	76	17	12
77070	SUDBURY PUMPHOUSE NICK	FI ST		58	4	7	10	18	34	64	64	15	11
,,,,,,	COPPER CLIFF			35	4	6	7	14	34	51	57	14	9

TABLE A-28 SULPHATE (SO₄²⁻) IN TSP STATISTICS (1992)

TATION		NO OF				RCENTI				ARITH	GEOH
NUMBER	LOCATION	SAMPLE	\$ 10	30	50	70	90	99	HAX	HEAN	HEAN
12007	WRIGHT/WATER ST WINDSOR			70	83	98	100	176	177	90	85
12008	467 UNIVERSITY AV W WINDSOR	53	61	70			128				
12015	SEWAGE STN, HWY 18/PROSPECT WINDSOR	55	61	77	83	99	128	201	213	92	87
12016	COLLEGE/SOUTH ST WINDSOR	58	73	82	95	105	126	197	218	99	95
12038	2885 HOWARD AV WINDSOR	56	66	78	88	102	132	184	188	96	92
12039	DOUGLAS ST/E.C. ROW W	59	57	68	78	93	120	173	176	84	80
12047	WINDSOR DORWIN PLAZA, DOUGALL AV	57	58	78	86	98	120	188	199	90	83
12049	WINDSOR 643 ALEXANDRINE	58	54	68	81	95	123	178	185	86	81
14016	WINDSOR HWY40 (OPP LAMBTON GS)	59	56	71	81	91	112	182	196	87	82
14064	COURTRIGHT CENTENNIAL PK, FRONT ST/CN TRACKS	57	56	69	82	99	189	329	365	101	87
15014	SARNIA POND MILLS RD/DEVERON CRES	55	44	57	69	87	128	197	213	78	72
15015	LONDON 951 COMMISSIONERS RD E	60	49	61	72	85	119	189	197	81	74
	LONDON	59	48	65	78	92	120	204	209	85	79

TABLE A-28 (cont.) SULPHATE (SO₄²⁻) STATISTICS (1992)

STATION		NO OF				RCENTI				ARITH	
NUMBER	LOCATION	SAMPLE	\$ 10	30	50	70	90	99	HAX	HEAN	HEAN
15016	801 COMMISSIONERS RD E LONDON	55	46	61	72	96	121	167	191	81	75
15017	8 MOUNTSFIELD DR LONDON	-									
22904	WALPOLE S PS, SANDUSK RD NANTICOKE	58	44	55	69	81	126	237	336	79	70
27008	71 KING ST ST CATHARINES	46	59	66	78	105	150	206	231	93	85
29011	BURLINGTON/LEEDS	53	53	77	87	113	131	232	280	97	90
29025	BARTON/WENTWORTH	59	71	93	116	140	188	258	261	121	112
29098	HAMILTON BAY/MAIN ST	53	75	88	107	138	203	244	246	123	114
29102	HAMILTON 467 BEACH BLVD	56	63	79	93	120	165	239	244	106	97
29114	HAMILTON VICKERS RD/EAST 18TH ST	51	71	92	120	134	152	243	288	119	112
31103	HAMILTON BAY/GROSVENOR	58	58	71	93	114	157	230	240	100	93
	TORONTO	352	40	55	71	89	128	236	415	80	71
35033	EVANS/ARNOLD AV ETOBICOKE	58	56	71	85	106	126	201	262	92	86
63200	MTC 615 JAMES ST S THUNDER BAY	58	24	38	44	58	80	116	150	49	44
71042	PUMPHOUSE, BONNEY ST SAULT STE MARIE	221	27	45	72	105	183	253	352	87	67
71049	LAND OFFICE. QUEEN ST SAULT STE MARIE	39	41	52	61	74	98	111	113	65	61
71068	WM. MERRIFIELD SCHOOL SAULT STE MARIE	115	25	38	54	71	101	156	185	59	51
77026	19 LISGAR ST SUDBURY	58	49	60	68	82	102	156	162	74	67
77070	PUMPHOUSE NICKEL ST. COPPER CLIFF	***									
		35	38	59	71	83	115	178	197	77	67

ONTARIO MINISTRY OF THE ENVIRONMENT AND ENERGY REGIONAL ANALYSIS OF MONTHLY DATA

UNIT - 0.1 GHS/SO M/30 DAYS POLITITANT . DUSTEALL TOTAL SOLIDS VEAD - 1992 REGION - 1 -SOUTHWEST STATION JAN FEB MAR APR MAY THN 300 ANG OCT MON DEC MAX MEAN GEOM GEO STD MEAN DEV SW NO 15014 POND MILLS RD/DEVERON CRES LONDON 2.20 SW NO 15015 951 COMMISSIONERS RD E LONDON 53 33 14 3.0 20 16 2 15 SW NO 15016 801 COMMISSIONERS RD E LONDON SW NO 15017 8 MOUNTSFIELD DR LONDON 23 27 39 35 16 12 16 39 20 1 70 18 35 HENRY ST (ROOF) BRANTFORD 29 37 199 54 WC NO 21031 52 35 30 47 WC NO 21032 10 ALICE ST (BACKYARD) 28 30 36 28 16 47 30 1 36 WC NO 22070 NANTICOKE RD NANTICOKE 43 RAINHAM RD/SANDUSK RD JARVIS WC NO 22092 14 38 29 48 25 1 74 NANTICOKE GS (FLYASH PILE) NANTICOKE 21 47 11 47 24 WC NO 22093 26 67 1.90 STERLING ST (OPP NARCO CD) CALEDONIA WC NO 22101 29 31 25 42 12 16 74 33 28 1 82 220 MACRAE DR (POLE IN FRONT) CALEDONIA WC NO 22103 14 19 1.66 WC NO 27005 55 63 78 59 33 14 78 51 1.59 WC NO 27006 PUC BLDG CHIPPAWA 34 **** 34 1.63 474 HARRIET ST WELLAND 27 38 40 WC NO 27025 33 29 36 38 47 34 1.22 228 CHAFFEY ST WELLAND Wr NO 27026 25 42 30 36 32 18 50 33 1.35 WC NO 27035 383 ALBERTA ST WELLAND 40 36 46 35 60 85 26 43 124 1.53 WC NO 27040 37 PLYMOUTH AV ST CATHARINES 65 57 82 19 49 **** 55 1 51 WC NO 27041 GLENDALE AV/QEW ST CATHARINES 54 79 44 90 90 1.28 WC NO 27042 NIAGARA FALLS RD/ONTARIO ST 42 29 35 39 56 1 42 WC NO 27054 CATHERINE/RUSSELL ST CATHERINES 1.59 G M FOUNDRY ST CATHARINES 26 63 31 WC NO 27063 92 AA 92 43 40 1.53 WC NO 28042 HILL/BREADALBANE ST FERGUS 25 33 52 8 WC NO 29001 HUGHSON/HUNTER HAMILTON 10 54 45 43 52 20 29 53 43 1.72 40 39 WC NO 29006 QUEENSTON HAMILTON 27 31 32 42 *** 45 90 41 1.39 WC NO 29009 KENILWORTH HAMILTON 35 24 34 22 57 77 43 60 43 40 1.46 WC NO 29010 OTTAWA/BURLINGTON HAMILTON 97 105 47 131 88 103 154 106 1.38

NOTE: '****' INDICATES THAT DATA IS NOT AVAILABLE

ONTARIO MINISTRY OF THE ENVIRONMENT AND ENERGY REGIONAL ANALYSIS OF MONTHLY DATA

		REGIONAL MARLISTS OF HO	MINE! D	MIM									
	POLLUTANT	DUSTFALL-TOTAL SOLIDS				UNI	T - 0.	1 GMS/	SQ M/30	DAYS			
	YEAR	- 1992											
	REGION	- 2 -WEST CENTRAL											
	STATION	JAN FEB MAR APR MA	Y JUN	JUL	AUG	SEP	OCT	NOV	DEC	MAX	MEAN	GEOM MEAN	GEO STD DEV
WC	NO 29012	BURLINGTON/WELLINGTON HAMILTON 26 52 47 68 7	1 48	51	83	30	47	39	64	83	52	50	1.41
WC	NO 29017	CHATHAM/FRID HAMILTON 36 70 62 84 8	6 66	84	104	****	****	****	****	104	74	71	1.38
WC	NO 29025	BARTON/WENTWORTH HAMILTON 202 86 30 73 6	0 40	65	47	36	122	29	47	202	70	59	1.79
WC	NO 29036	ROOSEVELT/BEACH HAMILTON 54 201 174 94 13	3 110	140	124	111	121	57	144	201	122	114	1.48
HC	NO 29044	312 BEACH BLVD HAMILTON 54 81 50 114 7	4 38	110	94	77	64	56	124	124	78	73	1.44
WC	NO 29074	KANE/HYLTON RESIDENCE GREENSVILL 23 50 86 52 4	E 7 51	75	80	39	46	25	28	86	50	46	1.55
WC	NO 29076	MELDRUM/WESITE STS GREENSVILLE 26 30 50 80 5	9 41	42	57	39	34	26	25	80	42	40	1.45
WC	NO 29082	1190 LEASIDE RD HAMILTON 26 62 37 67 8	1 65	106	127	116	43	52	71	127	71	65	1.60
WC	NO 29084	REMBE/BEACH BLVD HAMILTON 41 72 39 80 13	4 44	58	55	74	138	39	62	138	70	63	1.55
WC	NO 29096	OFIELD RD (MAYS PROP) GREENSVILL 15 39 42 59 5		62	34	35	39	56	51	62	45	42	1.47
WC	NO 29097	4TH CONCESSION RD GREENSVILLE 20 33 34 55 3	8 129	103	73	32	81	23	56	129	56	48	1.81
WC	NO 29102	467 BEACH BLVD HAMILTON 28 35 30 71 3	9 25	48	48	30	72	49	36	72	43	40	1.42
WC	NO 29109	287 FIFTY RD WINONA 23 41 18 65 4	8 ****	****	***	***	***	***	****	35	39	35	1.70
WC	NO 29137	605 NEBO RD (POLE) HAMILTON 52 20 20 54 5	4 48	144	172	45	75	21	40	172	62	49	2.00
WC	NO 29138	NEBO RD (RYDER CONCRETE) HAMILTO 30 5 48 69 5		131	55	94	115	95	64	131	71	57	2.39
WC	NO 29139	90 ST JOSEPH'S DR (POLE) HAMILTO 24 43 41 45 4		***	****	****	****	***	****	45	40	39	1.31
WC	NO 29140	ARVINE/GLOVER ROAD STONEY CREEK 10 34 20 64 3	3 31	41	60	****	***	***	****	64	37	32	1.82
WC	NO 29141	BARTON ST E/GLOVER STONEY CREEK 19 48 28 46 3	3 23	83	100	34	43	34	14	100	42	36	1.76
WC	NO 29142	KENORA/KEEFER (POLE AT CORNER) H	AMILTON 2 60	82	****	40	74	68	39	132	79	74	1.49
WC	NO 29143	KEEFER COURT (MOEE AIR SHOP) HAM	ILTON 7 33	49	***	45	31	21	****	57	39	37	1.34
WC	NO 29144	BARTON/MCNEILLY RD STONEY CREEK	* ****	***	***	39	45	18	85	85	47	40	1.89
WC	NO 29217	CHATHAM/FANNING HAMILTON 20 37 35 49 4	8 32	49	19	17	83	24	23	83	36	33	1.62
WC	NO 29230		ILTON 4 65	33	21	26	41	16	128	128	47	39	1.85
MC	NO 29231	8 AUDREY AVE (POLE IN FRONT) HAM 18 43 27 56 3	ILTON 6 35	49	41	23	64	21	92	92	42	38	1.62
WC	NO 29273	OLFIELD RD S/HWY 5 GREENSVILLE 20 26 29 50 2	7 42	71	43	28	44	30	31	71	37	35	1.42

NOTE: '****' INDICATES THAT DATA IS NOT AVAILABLE

ONTARIO MINISTRY OF THE ENVIRONMENT AND ENERGY REGIONAL ANALYSIS OF MONTHLY DATA

POLLUTANT - DUSTFALL-TOTAL SOLIDS UNIT - 0.1 GMS/SQ M/30 DAYS YEAR - 1992 3 -CENTRAL REGION STATION JAN FEB MAR APR THE MAY JUN AUG SEP OCT DEC MAX MEAN GEOM GEO STD HEAN NO 31019 _661 EASTERN AV TORONTO 23 98 41 37 51 43 1.99 BATHURST/FRONT STS TORONTO NO 31050 65 61 63 103 58 81 86 103 58 50 1.92 NO 31054 PORTLAND/WELLINGTON ST 16 37 17 32 43 57 NO 31055 156 65 2 42 NO 31056 WELLINGTON/NIAGARA STS TORONTO 96 1.53 MOSLEY/LESLIE STS TORONTO NO 31058 33 43 41 10 43 28 40 32 1 60 RUSHBROOKE/EASTERN AV TORONTO 36 84 42 39 NO 31059 36 53 32 84 43 1.43 LESLIE/QUEEN ST E TORONTO NO 31060 24 41 100 44 1 68 633 EASTERN AV TORONTO 15 102 134 NO 31065 3.0 34 82 32 18 24 15 134 47 2.10 CNR PROPERTY, TECUMSETH ST TORONTO NO 31074 40 40 25 49 32 49 35 1 48 NO 31082 WORKS DEPT. 138 HAMILTON AV TORONTO 42 27 30 26 42 28 33 44 32 31 NO 31085 TECUMSETH/NIAGARA ST TORONTO 35 23 31 41 34 52 36 35 1.32 RCYC CRANE POLE, QUEENS QUAY NO 31177 TORONTO 48 2.29 NO 31182 WELLINGTON ST (POLE #BT 78) TORONTO 14 53 37 48 39 42 43 26 22 59 26 38 35 1 52 FORT YORK TORONTO 20 22 NO 31183 12 49 93 390 100 38 32 33 23 390 69 2.59 NO 31184 TECUMSEH ST (NW NIAGARA ST) TORONTO 21 49 86 70 39 51 86 1.48 NO 33038 PARKS DEPT YARD, BRIMLEY RD SCARBORO 17 27 18 18 13 19 81 38 26 81 28 1.65 NO 33039 BRIMLEY RD (POLE 74C) SCARBORO 40 26 23 19 131 43 33 42 30 131 42 1.71 NO 33040 29 BOYCE AV/BRIHLEY RD SCARBORO 28 31 38 20 ** 38 29 1 31 MIDLAND/PASSMORE SCARBOROUGH NO 33050 1.83 NO 33051 MIDLAND/ARTILLERY SCARBOROUGH 33 21 MIDLAND/HCNICOLL SCARBOROUGH 27 18 18 24 NO 33052 22 1.23 NO 34030 YELLAND STREET NORTH YORK 20 18 16 31 80 27 2.95 NO 34031 QUEENSLEA AVE NORTH YORK 25 35 20 **** **** **** **** 57 34 1.58 NO 34032 34 25 24 1.30 21 HOLLEY ST NORTH YORK NO 34033

NOTE: '****' INDICATES THAT DATA IS NOT AVAILABLE

170 **** **** **** **** **** ****

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49 2.33

ONTARIO MINISTRY OF THE ENVIRONMENT AND ENERGY REGIONAL ANALYSIS OF MONTHLY DATA

REGIUNAL ANALYSIS

UNIT O 1 CHE (SO H/20 DAVE

	POLLUTANT	- DUSTFALL-TOTAL S	OLIDS						UNI	IT - 0.	1 GMS	/SQ M/3	DAYS			
	YEAR	- 1992														
	REGION	- 3 -CENTRAL														
	STATION	JAN	FEB M	AR APR	HAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	HAX	HEAN	GEOH MEAN	GEO STD DEV
С	NO 35011	WHITLAM AV/2	2ND ST I	ETOBICOKE 24 25	****	****	****	****	****	****	****	****	39	27	26	1.35
С	NO 35016	70 JUDSON ST 32		0KE 20 21	24	23	32	25	30	25	36	30	36	28	27	1.22
С	NO 35017	60 JUDSON ST 21			60	79	71	54	54	65	33	35	79	44	38	1.87
С	NO 35018	JUDSON ST E	TOBICOKE 30	13 27	34	34	34	34	41	35	29	15	41	29	27	1.47
С	NO 35019	24 HAROLD ST 18		KE 17 22	26	14	20	40	32	27	12	14	40	22	20	1.43
С	NO 36026	40 KEITH AV 22	YORK 32	21 23	****	***	***	****	****	sees	****	****	32	25	24	1.21
С	NO 36027	43 KEITH AV 21	30 8	80 27	****	***	***	***	****	***	****	***	80	40	34	1.80
С	NO 36028	425A GILBERT 18	AV YOR	7 16	27	25	35	31	45	35	15	11	45	25	22	1.74
	REGION	- 4 -CENTRAL														
	STATION	JAN	FEB M	AR APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	HAX	MEAN	GEOM MEAN	GEO STD DEV
С	NO 44005	2487 LAKESHOP 7	RE E/BIR		OAKV 31	ILLE 29	30	61	36	86	20	24	86	39	32	1.97
С	NO 44006	494 WINSTON (CHURCHILI 19		VILLE 30	34	12	70	27	40	16	27	70	27	23	1.71
С	NO 45042	2 LAKE DR BO 48	DWMANVILL 14		25	36	32	15	43	27	11	35	52	31	28	1.65
С	NO 45044		14 2	21 39	23	27	36	15	17	70	22	17	70	26	23	1.65
С	NO 45045		19 10	03 67	78	21	145	72	51	50	19	15	145	55	42	2.18
С	NO 45061	THICKSON RD 46	14	74 49	23	40	50	42	72	30	27	****	74	42	38	1.64
С	NO 45063	THICKSON RD 25	41 2	28 22	42	43	64	32	37	14	64	22	64	36	33	1.57
С	NO 45073 NO 45074	HWY7/12 (WIL) 17 HWY7/12 (WIL)	19 3	31 24	****	****	****	****	****	****	****	***	31	23	22	1.31
c	NO 46008	15 1329 KENDALL	16 2	23 75	****	****	STATE OF	****	****	****	****	****	75	32	25	2.11
С	NO 46009	VENTA AV/DEN	25 3	32 21		****	***	****	****	****	****	****	32	27	26	1.20
С	NO 46010	6 DUNDIX RD	ATRIK E	51 26 AUGA	35	15	15	35	36	****	7	32	51	27	24	1.80
С	NO 46011	PS, MELTON DE	17 1 R/RAMBO	12 23 MISSISSA	NUGA	****	****	****	****	****	****	****	23	17	17	1.31
		16	15 1	15 20	11	31	****	34	****	***	naka	***	34	20	19	1.51

NOTE: '****' INDICATES THAT DATA IS NOT AVAILABLE

C NO 46024

C NO 46029 C NO 46030 SOUTHOUMN/ORR RDS HISSISSAUGA 17 40 32 92 77 85 13 186 65 23 20 33 186 57 42 2.24

ONTARIO MINISTRY OF THE ENVIRONMENT AND ENERGY

REGIONAL ANALYSIS OF MONTHLY DATA

POLLUTANT - DUSTFALL-TOTAL SOLIDS UNIT - 0.1 GMS/SQ M/30 DAYS

YEAR - 1992

	REGION -	4 -CENTRA	AL.														
	STATION	JA	N FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MAX	MEAN	GEOM MEAN	GEO STD DEV
С	NO 46032	KANE RD (ESSO GATI) MIS	SISSAU	GA ****	***	****	30	38	15	12	22	38	23	21	1.61
С	NO 46045	2365 DIXI 3	E RD MIS		UGA 41	36	29	19	23	15	****	18	****	41	27	26	1.41
С	NO 46046	2360 DIX1	E RD MIS		UGA 17	15	24	22	22	****	***	13	14	24	17	16	1.27
С	NO 46047	MISSISSAU	JGA RD S/1	PORT S	T MISS	1SSAUG	A***	****	20	16	34	16	28	34	23	22	1.40
С	NO 46049	PINE AVE	MISSISS/	AUGA	***	****	***	***	31	19	37	11	34	37	26	24	1.66
С	NO 46050	WESLEY CR			SISSAU 30	GA 30	30	109	109	***	***	***	***	109	46	36	2.04
С	NO 46051	HARRISON/	HIGH ST P		SAUGA 29	26	31	30	30	****	***	***	***	31	25	24	1.32
С	NO 46052	130 QUEEN 1	ST W MIS	SSISSAL 17	UGA 17	12	30	29	29	****	****	***	***	30	20	19	1.52
C	NO 46053 .	QUEEN ST/ 27		MISSIS 16		22	28	17	29	21	174	16	21	276	61	36	2.59
С	NO 46054	206 QUEEN 1	ST MISSI 7 19	SSAUG/ 21	A 22	28	36	17	17	#r#n#n#	****	www	***	36	22	21	1.31
С	NO 46097	493 BOB-0 5	0-LINK RD 0 26	HISS:	ISSAUG 36	A 27	21	37	31	33	29	15	41	50	31	29	1.38
С	NO 46099	1801 ORR	ST MISSI 9 25	SSAUG/ 56	A 25	22	17	20	43	29	146	0	28	146	36	23	3.18
С	NO 46117	MEADOW PK	7 10	ANE CI	LUB M	1SS1SS 25	AUGA 30	21	30	23	152	9	31	152	32	22	2.20
С	NO 46258	LAKEVIEW 5	GS 920 EA	ASTERN 60	38	****	****	***	***	***	***	***	****	60	48	48	1.21
С	NO 46259	LAKEVIEW 2	GS 920 EA 0 28	ASTERN 34	POLE 23	33	****	****	****	***	***	***	***	34	26	26	1.26
С	NO 46260	LAKEVIEW 1	GS 920 E/ 3 21	ASTERN 27	POLE 29	39 ****	25	17	26	24	46	18	***	46	25	23	1.41
С	NO 47025	RR#3 (BEA	VERTON) F	SAVA TO	OWNSHI 49	P 50	27	73	57	60	32	29	****	73	52	49	1.43
С	NO 47026	HYDRO POL	E ROAD #5	0 MAV/	A TOWN 23	SHIP 105	***	38	30	31	95	14	30	105	40	33	1.90
С	NO 47027	RR#1 (BRE 1	CHIN) MAY 8 10	A TOWN	NSHIP 20	45	17	24	41	41	13	16	****	45	24	21	1.65
С	NO 58027	51 SHUTER 1	ST PORT	HOPE 9	30	38	22	9	5	10	17	7	7	38	16	13	1.87
С	NO 58028	2 CHOATE	ST PORT	HOPE 11	20	24	16	15	7	. 10	13	****	5	24	13	12	1.57
С	NO 58041	FILT PLT,	MARSH ST	PORT 18	HOPE	53	59	37	47	64	****	20	7	64	35	29	2.05
С	NO 58042	CAN TIRE,	QUEEN ST	PORT	T HOPE 23	27	17	28	34	20	10	14	17	34	20	19	1.52

NOTE: '****' INDICATES THAT DATA IS NOT AVAILABLE

ONTARIO MINISTRY OF THE ENVIRONMENT AND ENERGY REGIONAL ANALYSIS OF MONTHLY DATA

POLLUTANT - DUSTFALL-TOTAL SOLIDS UNIT - 0.1 GHS/SQ H/30 DAYS

		TOTAL TOTAL DOLLARS			Ore	11 - 0	. I una	/3U M/3	U DATS			
	YEAR	- 1992										
	REGION	- 6 -NORTHWEST										
	STATION	JAN FEB MAR APR MAY JUN	V JUL	AUG	SEP	OCT	NOV	DEC	MAX	MEAN	GEON	GEO STD
NW	NO 61003	128 FOURTH ST N/MAIN ST N KENORA 6 8 7 28 40 65	33	****	Ranke	****	****	****	65	27	HEAN 19	DEV 2.63
NW	NO 61007	HELLICK/NINTH ST N (HYD POLE) KENORA 14 11 14 26 82 47	7 59	****	***	****	****	****	82	36	28	2.22
NV	NO 61008	HELLICK AV/ELEVENTH ST N KENORA 5 31 21 35 64 79	60	****	****	***	****	****	79	42	32	2.57
NW	NO 61009	229 THIRD ST N KENORA 5 17 16 37 47 73	28	***	****	****	****	***	73	32	24	2.41
NW	NO 61022	EARL AV/ALBERT ST DRYDEN 9 16 16 30 38 24	18	***	****	****	****	****	38	22	20	1.61
NW	NO 61028	96 ALBERT ST (POLE) DRYDEN 11 8 20 33 36 40	42	****	****	***	****	***	42	27	23	1.95
NW	NO 62032	CEMETERY, COLONIZATION RD W FORT FRANCES 9 35 7 24 **** 62		35	39	8	8	16	75	29	21	2.39
NW	NO 62033	NELSON ST/PORTAGE AV FORT FRANCES 21 22 33 44 157 64	86	146	100	30	35	6	157	62	44	2.55
NW	NO 62034	FIRST ST/VICTORIA AV FORT FRANCES 16 21 19 51 68 59	41	56	68	15	22	10	68	37	31	1.97
NH	NO 62035	LEGION BLDG, 250 CHURCH ST FORT FRANCES 18 32 28 45 101 59		64	123	49	18	14	123	50	41	1.98
NH	NO 62036	SINCLAIR ST/VICTORIA AV FORT FRANCES 21 25 47 72 106 63	68	72	96	43	31	22	106	56	48	1.77
NH	NO 62037	REID AV/GILLON ST FORT FRANCES 8 14 28 38 34 47	23	56	22	16	19	10	56	26	22	1.82
Nii	NO 62046	308 SINCLAIR ST FORT FRANCES 36 47 60 24 113 76	92	141	121	57	51	42	141	72	63	1.71
NW	NO 62050	319 NELSON ST FORT FRANCES 12 28 38 **** 126 56	48	84	57	24	17	15	126	46	36	2.11
NH	NO 63046	CAN-CAR, MONTREAL ST THUNDER BAY 12 14 7 98 45 37	35	47	54	27	9	20	98	34	26	2.23
NH	NO 63047	TOTEM TRAILER PK, HWY 61B THUNDER BAY 24 23 13 51 66 68	57	87	85	. 51	22	19	87	47	40	1.92
	REGION -	7 -NORTH EAST										
	STATION	JAN FEB MAR APR MAY JUN	JUL	AUG	SEP	OCT	NOV	DEC	MAX	MEAN	GEOH MEAN	GEO STD DEV
NE	NO 71015	PS. PITTSBURG/YOUNG ST SAULT STE MARIE 44 22 50 48 48 53	36	45	69	37	58	39	69	46	44	1.33
NE	NO 71042	PUMPHOUSE, BONNEY ST SAULT STE MARIE 52 28 38 58 43 79	101	74	132	30	51	49	132	61	55	1.60
NE	NO 71043	WILDING/WALLACE TERRACE SAULT STE MARIE 53 21 24 57 62 104	24	42	44	46	51	21	104	46	41	1.65
NE	NO 71045	73 ADELAIDE ST SAULT STE MARIE 24 16 30 57 20 42	55	42	stratule.	38	5	23	57	32	27	2.00
NE	NO 71046	FAIRVIEW AV SAULT STE MARIE 44 38 47 64 31 34	35	73	105	61	29	23	105	49	44	1.55
NE	NO 71049	LAND OFFICE, QUEEN ST SAULT STE MARIE 15 13 31 32 21 ****	****	****	****	****	****	****	32	22	21	1.51
NE	NO 72018	SECOND/FRONT STS (HYD POLE) HEARST 21 16 26 52 55 102	30	112	34	40	39	9	112	45	36	2.06

NOTE: '**** INDICATES THAT DATA IS NOT AVAILABLE

NE NO 72026 GILLIES ST TIMMINS 14 10 19 26 29 104 55 49 84 47 22 44 104 42 34 2.03

ONTARIO MINISTRY OF THE ENVIRONMENT AND ENERGY

REGIONAL ANALYSIS OF MONTHLY DATA

POLLUTANT - DUSTFALL-TOTAL SOLIDS

UNIT - 0.1 GMS/SQ M/30 DAYS YEAR - - 1992

	REGION -	7 -NORTH EAST													
	STATION ·	JAN FEB	MAR APR	HAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	HAX	MEAN	GEOH HEAN	GEO STD DEV
NE	NO 72034	WAFERBOARD PLT, HWY 43 62			20	14	21	17	16	25	5	125	38	27	2.36
NE	NO 72041	CUSTOM SAWMILL RD 88 5	HEARST 16 25	33	****	***	****	***	****	****	****	88	33	23	2.85
NE	NO 72060	2 MCPHERSON AV KAP 29 13		69	65	75	75	66	76	19	12	107	53	42	2.15
NE	NO 72061	4 RIVERSIDE DR KAP		167	59	66	132	67	37	30	21	167	62	46	2.25
NE	NO 72080	CUSTOM SAWMILL RD (LEBLANC PRO	OP) H	EARST 49	19	98	26	14	12	16	98	29	23	1.83
NE	NO 72082	HWY 11/HWY 583 HEA 18 14	RST 37 51	49	51	29	64	47	22	14	12	64	34	29	1.82
NE	NO 72086	3RD STREET/16TH AVE 101 117			76	18	11	34	42	7	46	117	43	30	2.40
NE	NO 72087	4TH STREET/17TH AVE 12 7	NUE COCHRA	NE 16	****	****	****	***	****	****	****	24	14	12	1.62
NE	NO 72088	LANG AV KAPUSKASIN 16 8		78	***	89	89	****	39	19	24	89	47	35	2.35
NE	NO 72090	CECIL'S CAMPING, HW 46 59		35	33	43	39	20	30	25	55	59	38	36	1.42
NE	NO 72093	DETOUR LAKE RD COC 8 8		28	***	***	***	***	****	***	***	33	17	13	2.14
NE	NO 72096	DETOUR LAKE RD COC 18 85	HRANE 21 27	29	***	****	****	***	****	****	***	85	36	30	1.84
NE	NO 72097	HWY11 PLANT GATE EN				****	***	***	****	***	***	60	36	30	1.98
NE	NO 72098 ·	KAPKIGIWAN RD 5KM S 62 72	HWY11 ENG 19 64	LEHAR 43	****	www	***	***	***	***	****	72	52	. 47	1.72
NE	NO 75042	DYMOND TWP QUARRY 16 6			****	****	***	***	***	***	****	31	19	17	1.89
NE	NO 75043	1169 LAKESHORE NEW 22 10	LISKEARD 21 13	18	****	****	***	***	****	****	****	22	17	16	1.40
NE	NO 75044	NEW LISKEARD 14 27	23 17	20	****	****	****	manir	****	****	****	27	20	20	1.29
NE	NO 75047	HWY69 SOUTH GEORGIN	A PERF. PE	RRY S	OUND 125	140	19	65	****	****	****	27	20	20	1.29
NE	NO 77208	OLD AGE HOME, MEAD/ 34 64	PARK LANE 59 32	ESPAN 39	OLA ****	****	***	****	****	***	****	64	46	44	1.38
NE	NO 77226	LASALLE BLVD (NIH D 25 34	ISPOSAL YD) 25 27	SUD 38	BURY 57	27	27	46	****	****	***	57	34	33	1.35

NOTE: '**** INDICATES THAT DATA IS NOT AVAILABLE

TABLE A-30 FLUORIDATION RATE (FLR) STATISTICS (1992)

ONTARIO MINISTRY OF THE ENVIRONMENT AND ENERGY

REGIONAL ANALYSIS OF MONTHLY DATA

	POLLUTANT - FLUX	ORIDATION RATE							UNIT	- MICI	ROGMS/	100 SQ	CH/HON	ПН		
	YEAR - 1992	2														
	REGION -	1 -SOUTHWEST														
	STATION	JAN	FEB MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MAX	MEAN	GEOM	GEO STD DEV
SW	NO 12007	WRIGHT/WATER 19	ST WINDSO 29 18	R 31	34	24	****	***	27	18	21	29	34	25	24	1.27
AQI	NO 12008	467 UNIVERSIT	TY AV W WI 26 18	NDSOR 18	16	25	****	****	32	17	24	35	35	23	22	1.31
SM	NO 12015	SEWAGE STN, H	WY 18/PROS 63 24	PECT V	VINDSOR 50	37	****	***	31	48	36	57	63	38	30	2.40
IDA	NO 12016	COLLEGE/SOUTH 18	ST WINDS 27 16	OR 21	20	26	***	****	22	20	25	40	40	24	23	1.29
SW	NO 12040	225 WILLOW DF 39	R LA SALLE 18 57	17	21	19	***	****	17	16	20	28	57	25	23	1.52
SW	NO 12053	415 FRONT ST	AMHERSTBU 24 16	IRG 12	19	16	****	****	19	13	25	32	32	19	18	1.38
SW	NO 12074	57 NORTH ST 12	AMHERSTBUR 17 12	16	17	14	****	****	13	9	14	32	32	16	15	1.40
SM	NO 12087	459 TEXAS RD 18	AMHERSTBI 38 14	JRG 36	23	24	****	***	22	14	21	37	38	25	23	1.45
SW	NO 12088	326 TEXAS RD 27	AMHERSTBI 24 40	JRG 70	45	35	****	****	30	16	25	37	70	35	32	1.50
SW	NO 12092	210 BALACLAV	A AMHERSTI 35 15	BURG 20	33	23	***	****	18	13	18	51	51	24	22	1.58
SW	NO 12095	208-210 ALMA 12	ST AMHER 15 10	STBURG 11	19	16	***	****	17	18	19	33	33	17	16	1.41
SW	NO 14004	CON RD 14 (E	OF RWY TR 15 13	ACK) C	OURTRIG 51	HT 35	****	****	18	15	16	26	51	22	20	1.57
SW	NO 17007	CARNEGIE/BRU 16	CE ST ING 84 12	ERSOLL 17	21	107	****	****	20	15	24	29	107	35	26	2.08
SW	NO 17009	PEMBERTON ST 39	(CIL ENTR 28 95	ANCE) 45	INGERSO 73	89	***	****	86	32	34	80	95	60	54	1.62
	REGION -	2 -WEST CENT	RAL													
	STATION	JAN	FEB MAR	APR	MAY	JUN	JUL	AUG	SEP	0CT	NOV	DEC	MAX	MEAN	GEOM	GEO STD DEV
WC	NO 22057	LAUREK PROP	NANTICOKE 17 26	13	18	15	45	51	14	18	25	39	45	23	21	1.50
WC	NO 22074	TEXACO PROP	NANTICOKE 44 20	15	27	19	27	29	19	20	17	25	44	23	22	1.35
WC	NO 22083	HWY 6/QUATER	RLINE RD 3	ARVIS . 19	32	24	25	19	14	13	8	21	32	18	16	1.54
WC	NO 22101	STERLING ST	(OPP NARCO	(CD) (CALEDON:	1A 17	22	14	***	14	8	18	22	16	15	1.47
WC	NO 22103	220 MACRAE [OR (POLE II	FRONT) CALEI	DONIA 18	16	10	***	11	7	13	18	13	12	1.45
WC	NO 22961	NANTICOKE RE	D/WALPOLE (ON 2 1	NANTICO 50	KE 35	105	38	44	33	18	24	105	42	35	1.79
WC	NO 29001	HUGHSON/HUN	TER HAMIL	TON 76	34	30	46	***	43	37	10	18	76	32	27	1.80
WC	NO 29012	BURLINGTON/	WELLINGTON 49 1	HAMIL 31	TON 27	25	38	***	36	29	11	16	49	26	24	1.61
WC	NO 29025	BARTON/WENT	WORTH HAM 66 5	ILTON 0 80	46	46	69	***	66	42	17	21	80	47	42	1.74
WC	NO 29054	BEACH/CONRA 33	D HAMILTO 17 3	N 1 20	33	19	68	***	57	39	22	25	68	33	30	1.56
MC	NO 29059	BURL/GAGE P 32		HAMIL 9 113	TON 101	63	101	****	98	49	37	31	113	65	57	1.71

NOTE: '****' INDICATES THAT DATA IS NOT AVAILABLE

TABLE A-30 (cont.) FLUORIDATION RATE (FLR) STATISTICS (1992)

ONTARIO MINISTRY OF THE ENVIRONMENT AND ENERGY REGIONAL ANALYSIS OF MONTHLY DATA

POLLUTANT - FLUORIDATION RATE UNIT - HICROGMS/100 SO CH/MONTH YEAR - 1992 REGION 2 -WEST CENTRAL JAN FEB MAR APR MAY JUN JUL STATION AUG SEP OCT NOV HEAN GEOM GEO STD MAY WC NO 29062 BRIARWOOD VOC SCHOOL HAMILTON 123 **** 47 33 31 45 35 2 05 KILLARNEY ST (POLE #2) HAMILTON WC NO 29066 57 31 37 35 64 40 WC NO 29115 LONDON/JUSTINE (NW CORNER) HAMILTON 22 16 30 16 111 162 377 293 219 19 78 122 66 3.43 WC NO 29116 DALKEITH/OTTAWA HAMILTON 28 26 29 41 45 27 30 85 44 MORLEY ST/PARKDALE AV HAMILTON 19 14 48 95 WC NO 29119 20 21 95 42 35 1.85 12 DICKSON ST HAMILTON WC NO 29120 18 103 79 148 **** 164 103 30 72 164 73 2.34 ROSSLYN/MONTCLAIR (NE CORNER) 38 42 16 68 WC NO 29126 311 38 151 61 344 116 70 2.55 LAWRENCE/BALMORAL HAHILTON WC NO 29127 674 937 2091 792 607 297 2091 616 5.13 WC NO 29129 PROVINCE/JUSTINE HAMILTON 19 18 17 62 207 126 85 59 2.56 WC NO 29131 CENTRAL/GRAHAM (NW CORNER) HAMILTON 199 **** 72 31 199 57 REGION 4 -CENTRAL STATION JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV HAX MEAN GEOH GEO STD C NO 44005 2487 LAKESHORE E/BIRKBANK RDS OAKVILLE 4 43 11 16 14 1 10 43 16 14 1.80 NO 44006 494 WINSTON CHURCHILL RD OAKVILLE 15 14 14 1.50 HALTON SPORTSMAN STEELES AVE 5 33 23 25 C NO 44033 28 18 10 19 24 12 33 19 17 1.69 HWY22/STEELES AVE HILTON 4 16 8 23 14 16 24 16 9 16 24 14 1.64 NO 44035 HW22/TOWNLINE (BELL POLE F5) TOWN! THE 19 13 57 21 18 1.79 NO 44036 #21 FIRST LINE/STEELES MILTON 5 15 13 32 6 15 18 10 15 1.67 NO 44100 5223 HWY5 BURLINGTON 347 288 33 352 317 154 588 281 238 NO 44101 5236 HWY5 BURLINGTON 151 182 171 103 232 266 99 162 1.44 168 228 266 NO 44102 2282 ORCHARD RD BURLINGTON 13 23 62 36 NO 44103 LAIDLAW BUS YARD/HWY 5 BURLINGTON 99 100 382 382 119 104 1 62 APPLEBY LINE/HARRISON BURLINGTON 29 33 32 63 75 NO 44104 38 73 45 47 63 144 144 56 49 1.64 C NO 44105 HARRISON CT (N END) BURLINGTON 77 185 21 299 151 211 107 299 137 116 1.95 C NO 46027 HWY122/SOUTHDOWN RD MISSISSAUGA 16 20 15 26 16 15 1.74 NO 46029 SOUTHDOWN/ORR RDS MISSISSAUGA

NOTE: '****' INDICATES THAT DATA IS NOT AVAILABLE

15 29 15 13 1.88

19 18 19

TABLE A-30 (cont.) FLUORIDATION RATE (FLR) STATISTICS (1992)

ONTARIO MINISTRY OF THE ENVIRONMENT AND ENERGY
REGIONAL ANALYSIS OF MONTHLY DATA

			AIA									
		JORIDATION RATE			UNIT	- MIC	ROGHS	/100 SQ	CH/MOR	WTH		
	YEAR - 19											
	REGION -	4 - CENTRAL										
	STATION	JAN FEB MAR APR MAY JUN	JUL	AUG	SEP	OCT	NOV	DEC	MAX	MEAN	MEAN	GEO STD DEV
С	NO 46081	BURTON RD (END) BRAMPTON 6 23 20 29 18 33	22	36	15	12	29	13	36	21	19	1.67
С	NO 46084	506 MAIN ST N (OPP) BRAMPTON 11 63 22 73 24 63	36	48	36	31	34	16	73	38	33	1.78
С	NO 46085	PROUSE DR/LINKDALE RD BRAMPTON 7 24 17 27 77 43	30	38	24	21	19	14	77	28	24	1.82
С	NO 46086	56 BARRONWOOD COURT BRAMPTON 7 21 18 23 14 30	23	28	18	21	29	12	30	20	19	1.52
С	NO 46105	QUEEN/MATLOCK ST MISSISSAUGA 273 449 118 147 58 132	123	322	422	300	572	169	572	257	211	1.98
С	NO 46106	BRITTANIA RD W/PIONEER ST MISSISSAUGA 287 427 30 140 139 254	111	210	220	230	150	293	427	208	177	1.97
С	NO 46117	MEADOW PK. APPLE LANE CLUB MISSISSAUGA 7 15 4 7 27 20	23	26	14	23	29	20	29	18	15	1.90
С	NO 46120	WANLESS DRIVE (HYDRO POLE#68) BRAMPTON 37 72 50 178 33 112	71	224	242	88	138	16	242	105	80	2.29
С	NO 46121	HIGHWAY 10 (HYDRO POLE#3188) BRAMPTON 93 68 42 112 **** 237	80	282	338	235	303	47	338	167	130	2.18
С	NO 46122	SANDALWOOD DR (HYDRO PL#1124) BRAMPTON 74 136 78 105 46 79	132	123	147	100	111	46	147	98	92	1.48
С	NO 46123	HUNTLEY PK/SANDALWOOD PKWY BRAMPTON 17 181 71 26 25 142	41	93	63	65	106	20	181	71	54	2.20
	REGION -	5 -SOUTH EAST										
	STATION	JAN FEB MAR APR MAY JUN	JUL	AUG	SEP	OCT	NOV	DEC	MAX	MEAN	GEOM MEAN	GEO STD DEV
С	NO 58007	VICTORIA ST/HIGHLAND DR PORT HOPE 4 14 7 12 14 10	25	17	12	17	26	11	26	14	13	1.68
С	NO 58008	377 LAKESHORE RD PORT HOPE 5 13 13 12 3 12	24	15	11	12	31	14	31	14	12	1.85
С	NO 58014	28 SULLIVAN ST PORT HOPE 3 18 7 72 25 10	17	13	8	9	19	10	72	18	13	2.19
С	NO 58015	4 WARD ST PORT HOPE 6 19 9 10 13 11	25	13	13	13	18	12	25	14	13	1.45
С	NO 58027	51 SHUTER ST PORT HOPE 16 31 12 22 22 24	28	17	25	19	61	20	61	25	23	1.50
С	NO 58028	2 CHOATE ST PORT HOPE 62 220 22 35 29 25	37	25	40	28	109	44	220	56	43	1.98
С	NO 58032	HYDRO STN. SHUTER ST PORT HOPE 19 28 13 22 17 27	28	15	24	14	39	14	39	22	20	1.42
С	NO 58037	159 PETER ST PORT HOPE 9 68 22 18 29 25	45	26	22	28	29	30	68	29	26	1.62
С	NO 58038	109 ELGIN ST PORT HOPE 4 11 8 8 11 10	25	12	9	9	14	16	25	11	10	1.56
С	NO 58039	51 SHUTER ST PORT HOPE 15 29 13 18 24 30	29	19	39	16	62	19	62	26	24	1.57
С	NO 58040	2 CHOATE ST PORT HOPE 64 308 23 70 26 24	18	25	36	28	113	53	308	66	44	2.28
С	NO 58041	FILT PLT, MARSH ST PORT HOPE 22 101 26 47 25 17	31	17	20	25	98	52	101	40	33	1.87
С	NO 58042	CAN TIRE, QUEEN ST PORT HOPE 5 16 7 9 10 21	22	11	9	10	22	15	22	13	12	1.61
С	NO 58043	109 ELGIN ST PORT HOPE 4 11 6 8 9 10	24	11	8	8	16	13	24	11	10	1.58
NC	TE: '****' INDIC	ATES THAT DATA IS NOT AVAILABLE										

Table A-31
STATIONS USED IN AIR QUALITY TRENDS (1983-1992)

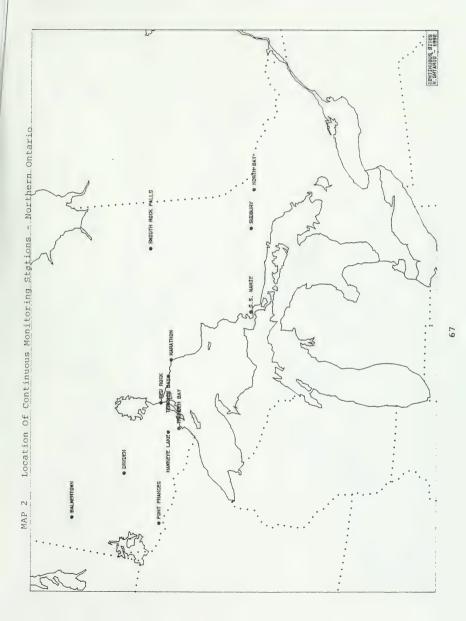
City	Station (Period)							
Burlington Cornwall	44008 (1983 - 1992)							
Etobicoke	56051 (1983 - 1992) 35003 (1983 - 1992)							
Fort Frances	62030 (1983 - 1992)							
Hamilton	29025 (1983-1986);29000 (1987-1992)							
Huron Park	10001 (1983-1990);15020 (1991-1992)							
Kitchener	26029 (1983-1990);26060 (1991-1992)							
London	15001 (1983 - 1992)							
Long Point	22901 (1983 - 1992)							
Mandaumin	14118 (1983 - 1992)							
Merlin	13021 (1983 - 1992)							
Niagara Falls	27056 (1983 - 1992)							
North Bay	75010 (1983 - 1992)							
North York	34002 (1983 - 1991);34020 (1992)							
Oakville	44015 (1983 - 1992)							
Oshawa	45025 (1983 - 1992)							
Ottawa	51001 (1983 - 1992)							
Peterborough	59006 (1983 - 1991)							
Sarnia	14064 (1983 - 1992)							
Scarborough	33003 (1983 - 1992)							
Simcoe	22071 (1983 - 1992)							
St Catharines	27037 (1983-1986);27067 (1987-1992)							
Stouffville	48002 (1983 - 1992)							
Sudbury	77016 (1983-1987);77203 (1988-1992)							
Thunder Bay	63040 (1983-1986);63200 (1987-1992)							
Tiverton	18007 (1983 - 1992)							
Toronto	31104 (1983-1990);31103 (1991-1992)							
Windsor	12008 (1983 - 1992)							

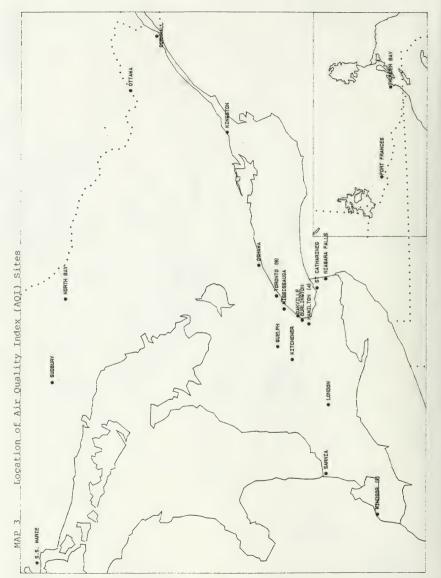
Table A-32

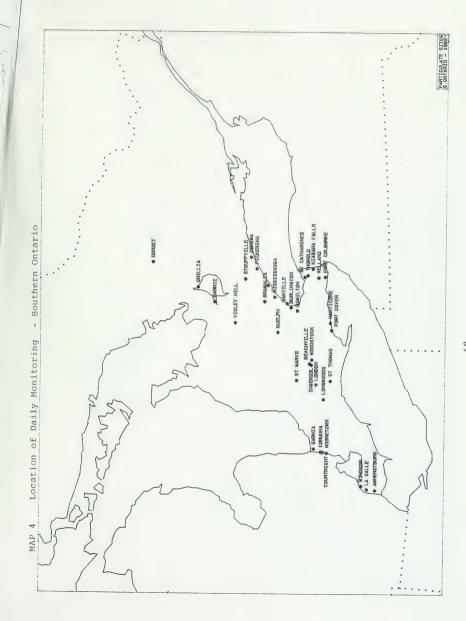
STATIONS USED IN TRENDS OF PARTICULATES (1983-1992)

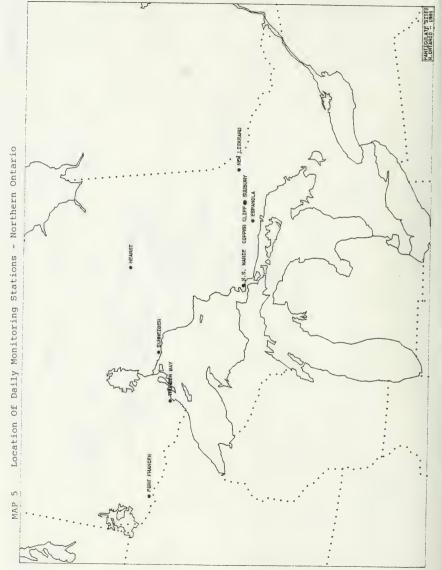
City	Station (Period)
Bramalea	46033 (1983 - 1992)
Burlington	44008 (1983 - 1992)
Chatham	13003 (1983 - 1992)
Courtright	14016 (1983 - 1992)
Etobicoke	35003 (1983 - 1992)
Espanola	77029 (1983 - 1992)
Fort Frances	62032 (1983 - 1992)
Hamilton	29025 (1983 - 1992)
Jarvis	22092 (1983 - 1992)
Kitchener	26029 (1983 - 1990);26060 (1991-19992
London	15001 (1982 - 1991)
Mississauga	46110 (1982 - 1991)
North Bay	75010 (1982 - 1991)
North York	34002 (1982-1988);34020 (1989-1991)
Oakville	44015 (1982 - 1991)
Oshawa	45025 (1982 - 1991)
Pickering	45001 (1982 - 1991)
Port Colborne	27047 (1982 - 1991)
Port Hope	58027 (1982 - 1991)
S.S. Marie	71049 (1982 - 1991)
Sarnia	14064 (1982 - 1991)
Scarborough	33003 (1982 - 1991)
St Catharines	27008 (1982 - 1991)
St Thomas	15006 (1982 - 1991)
Sudbury	77026 (1982 - 1991)
Thunder Bay	63005 (1982 - 1991)
Toronto	31104 (1982 - 1990);31103 (1991)
Welland	27045 (1982 - 1991)
Windsor	12008 (1982 - 1991)

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Location Of Meteorological Monitoring Stations - Northern Ontario 72 MAP 7

